

RIVER STAGES IN ILLINOIS: Flood and Damage Data

August 2004



Illinois Department of Natural Resources
Office of Water Resources
One Natural Resources Way
Springfield, Illinois 62702-1271

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INTRODUCTION

There are hundreds of river gages that measure the stages of rivers throughout Illinois. These gages range from simple yardsticks, which must be read visually, to sophisticated recording devices which monitor numerous parameters with the data collected being transmitted by telephone or satellite communication link. These gages were set up at various times during the last 100 years. When each was established, an arbitrary starting point or "stage datum" was set up. The height of the river above this starting point was recorded as the river stage. In many cases, a "flood stage" was also established. Typically, this would be the level where the river goes out of its banks.

There are two commonly misunderstood points about river stages. First, there is generally no relation between a river stage for one gage and that for another one on the same river. Second, there is often no correlation between flood stage and actual structural flood damages. Often, especially in a rural area, a river will go out of banks but floods only vacant ground.

This manual is an accumulation of flood information for a small portion of the gages in Illinois. The manual lists the stages of past floods, the dates of occurrence, and damages known to occur. The gages are arranged in this manual alphabetically by river and from upstream to downstream along a river.

Each gage has two or more pages of information. Generally the first page identifies the gage, the general location of the gage on the river along with its river mile, a technical description of location by section, township, and range and the drainage area of the watershed at the gage. The river mile reference is related to the distance above the mouth of the river, except for the Mississippi and Ohio rivers. The river mile reference for the Mississippi River is the distance above its confluence with the Ohio River. The Ohio River references distance from Pittsburgh where the river forms. In some cases additional information related to the 1993 flood follows the first page. The second page of information is a graphical representation of floods that have occurred throughout history for the specific gage or historical data that occurred before the gage was established. The right side of the graph represents the height of historical floods and the corresponding date of occurrence and also the flood stage height and datum for the gage. The left side of the graph indicates where damages begin to occur at a specific height or other pertinent data. The STANDARD HYDROLOGIC EXCHANGE FORMAT (SHEF) identification number is shown under the station name and location.

This is the fourth edition of this publication. Previous editions were printed in December 1991 May 1994, and July 1998.

Ongoing improvements continue to reduce or eliminate areas from flooding. Since the release of this publication, every effort has been made to verify the information contained under the narrative portion of this document; however, changes may have occurred. If omissions or errors are found, please contact:

Illinois Department of Natural Resources
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BIG MUDDY RIVER AT PLUMFIELD, ILLINOIS

USGS GAGE NUMBER: 05597000

LOCATION: In Franklin County on left bank 0.8 mile upstream from bridge on Highway 149, at Plumfield, 1.9 miles downstream from Middle Fork Big Muddy River, and at mile 86.6.

NW 1/4, Sec. 20, Twp. 7S, Rng. 2E.

Drainage Area = 794 sq. mi.

Rend Lake Normal Pool 405

NARRATIVE	STAGE	HISTORICAL
	+ + + + + + + + + +	
	----35----	-- 34.67 5/10/61 (based on current datum)
20 to 25 homes affected @34.0 --	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
-----	----33----	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	----31----	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	----29----	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	----27----	
Ziegler oil field equipment damaged @27.0 --	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	----25----	
Low areas adjacent to river inundated @25.0 --	-	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	----23----	
	-	
	-	
	-	
	-	
	-	
	-	
	-	
	----21----	
	+ + + + + + + + + +	-- FLOOD STAGE 20.0'
		ELEVATION ZERO: 353.24

BIG MUDDY RIVER AT MURPHYSBORO, ILLINOIS

USGS GAGE NUMBER: 05599500

LOCATION: In Jackson County, on left bank just upstream from Lewis Creek, 0.2 mile upstream of South Twentieth Street Bridge, at Murphysboro, and at mile 36.0.

SE 1/4, Sec. 8, Twp. 9S, Rng. 2W.

Drainage Area = 2169 sq. mi.

STAGE

Big Muddy River
Murphysboro, IL MURI2

NARRATIVE	STAGE	HISTORICAL
	40	
Murphysboro sewage treatment plant lift station flooded @38.0		37.77 5/11/61
Damage begins to houses near Lake Street in Murphysboro @37.0 Note: NWS lists @36.0		36.85 5/5/83 36.33 5/2/96
	36	34.46 11/18/93 34.48 5/21/95 34.00 3/6/79
		33.39 4/3/85 32.53 5/25/74
	32	31.78 4/1/77 30.9 3/17/78 28.78 6/22/00
		27.29 4/20/98 25.48 3/4/98
Damage begins to houses just downstream of Bridge Street in Murphysboro @25.0 Note: NWS lists @24.0		
	24	
	20	
	16	FLOOD STAGE 16.0
	12	

ELEVATION ZERO: 335.50

DES PLAINES RIVER AT RUSSELL ROAD, ILLINOIS

USGS GAGE NUMBER: 05527800

LOCATION: In Lake County, on right bank just upstream of Russell Road bridge, 0.3 mile west of Russell, 7.2 miles upstream from Mill Creek, and at mile 109.3.

SE 1/4, Sec. 3, Twp. 46N, Rng. 11E

Drainage Area = 123 sq. mi.

STAGE

Des Plaines River
Russell Road, IL

RUS12

NARRATIVE	STAGE	HISTORICAL
	12	
	11	11.05 5/24/2004
		10.75 3/6/76; 9/27/86
	10	9.95 6/14/00
		9.69 3/21/79
	09	
		8.89 4/21/93
		8.31 5/23/96
		8.24 3/30/91
Farm, parklands flood + homes east of gage @8.0	08	
Minor Forest Preserve flooding near river @7.0	07	FLOOD STAGE 7.0'
	06	
	05	

ELEVATION ZERO: 662.00

DES PLAINES RIVER NEAR GURNEE, ILLINOIS

USGS GAGE NUMBER: 05528000

LOCATION: In Lake County, on left bank 800 ft. upstream from bridge on State Highway 120, 2.5 miles southwest of Gurnee, and at mile 94.2.

SW 1/4, Sec. 27, Twp. 45N, Rng. 11E

Drainage Area = 232 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
Instrument shelf in gage house @ 12.50	12	11.95 9/27/86
		11.69 5/24/2004
Road at gage site floods @ 11.0	11	
		10.64 4/3/60
Wellhouse floor @ 10.20		10.3 3/22/79
		10.3 6/16/00
Rt 132 & Old Grand Ave inundated. Fire & police Dept displaced. Post office substation on Old Grand Ave closed @ 10.0	10	9.9 4/22/93
		9.84 3/7/76
Gurnee: Warren HS & residential flooding @ 9.0	09	9.07 3/6/74
		8.6 12/8/82
		8.2 3/21/82
Roadside bank of river at gage overflows @ 8.0	08	7.81 3/31/91
		7.76 2/1/88
		7.37 4/19/87
Floods affect lowest areas near river @ 7.00	07	FLOOD STAGE 7.0'
	06	
	05	

ELEVATION ZERO: 650.30

DES PLAINES RIVER NEAR DES PLAINES, ILLINOIS

USGS GAGE NUMBER: 05529000

LOCATION: In Cook County, on right bank 50 ft. upstream from Dam No. 2 of the Cook County Forest Preserve, 0.3 mile downstream from Lake Avenue Bridge, 1.2 miles upstream from Central Road Bridge, 2.5 miles north of Des Plaines, and at mile 69.3.

SE 1/4, Sec. 25, Twp. 42N, Rng 11E

Drainage Area = 360 sq. mi.

STAGE

Des Plaines River
near Des Plaines, IL

DPS12

NARRATIVE	STAGE	HISTORICAL
Instrument shelf @ 12.90	12	
1200 homes, 150 businesses, 3300 displaced	11	10.88 10/1/86
Floor of gage house	10	
	09	9.0 7/4/38
Melrose Park-1st Ave Pump Station floods @ 8.6		8.77 8/14/87
		8.67 5/21/96
		8.56 4/2/60
		8.53 5/27/2004
	08	8.05 2/22/97
		7.80 4/24/99
		7.78 4/25/50
		7.65 6/3/70
	07	
	06	
Bankfull stage at gage site, @ 3.00	05	FLOOD STAGE 5.0'
Overflows into Campground area @ 3.50		

ELEVATION ZERO: 626.31

DES PLAINES RIVER AT RIVERSIDE, ILLINOIS

USGS GAGE NUMBER: 05532500

LOCATION: In Cook County, on left bank 400 ft. downstream from bridge on Barry Point Road in Riverside, 500 ft. downstream from Hoffman Dam, 4,000 ft. downstream from Salt Creek, and at mile 44.3.

SW 1/4, Sec. 36, Twp. 39N, Rng. 12E

Drainage Area = 630 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	12	
	11	
	10	9.90 8/15/87 9.82 1/26/69 (ice jam)
	09	8.85 10/3/86 8.46 2/22/97 8.28 3/20/48
Major flood as determined by CoE @ 8.50 Damage begins to residences in vicinity of junction of Salt Creek & Des Plaines River @8.4	08	8.0 12/5/82 7.91 3/5/79 7.64 2/9/74 7.40 5/29/96 7.3 3/21/79 7.24 3/5/76 7.09 6/01/2004
Park becomes inundated in vicinity of junction of Salt Creek & Des Plaines River @7.5	07	
Damage begins to residences in subdivision just downstream of Hoffman Dam (Riverside Lawn) @6.5	06	FLOOD STAGE 6.0'
	05	

DUPAGE RIVER AT SHOREWOOD, ILLINOIS

USGS GAGE NUMBER: 05540500

LOCATION: In Will County, on left bank 400 ft. upstream from bridge on U.S. Highway 52 at Shorewood, 3.8 miles downstream from Lily Cache Creek, and at mile 10.6.

SW 1/4, Sec. 10, Twp. 35N, Rng. 9E

Drainage Area = 324 sq. mi.

1996 FLOOD INFORMATION

Interstate 55 was inundated at two locations. Site 1 was near the I&M Canal crossing just south of Interstate 80. Site 2 was between Caton Farm Road and Black Road. The water was over the pavement by 1.0 feet and 3.0 feet, respectively.

NARRATIVE	STAGE	HISTORICAL
	-----15-----	
	-----14-----	-- 14.03 7/18/96
	-----13-----	
	-----12-----	
	-----11-----	-- 11.06 10/11/54
	-----10-----	-- 10.10 3/19/48
		-- 9.94 7/2/83
	-----09-----	-- 9.14 2/21/97
		-- 8.43 5/10/90
	-----08-----	-- FLOOD STAGE 8.0'
	+++++++	

ELEVATION ZERO: 564.62

EAST BRANCH DUPAGE RIVER AT BOLINGBROOK, ILLINOIS

USGS GAGE NUMBER: 05540250

LOCATION: In Du Page County, on downstream side of bridge on Royce Road, 0.5 miles north of Bolingbrook, 4.8 miles northwest of Lemont downstream, and at mile 6.0.

SE 1/4, Sec. 3, Twp. 37N, Rng. 10E

Drainage Area = 75.8 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----24-----	-- 23.75 7/18/96
		-- 22.67 5/19/90
	-----22-----	
		-- 20.94 1/24/99
		-- 20.71 6/9/93
		-- 20.37 2/20/94
Flow over Royce Road @20.0	-----20-----	-- 20.04 1/14/95
	-----18-----	
	-----16-----	
	-----14-----	
	-----12-----	
	-----10-----	
	+++++++	

EAST BRANCH DUPAGE RIVER AT LISLE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Du Page County, in Lisle, at bridge on Maple Avenue, 1.1
mile
from downstream from St. Joseph Creek, 0.7 mile downstream
10.8. Burlington Northern Santa Fe Railway Bridge, and at mile
NE 1/4, Sec. 15, Twp. 38N, Rng. 10E
Drainage Area = 58.3 sq. mi.

* Data regarding flood stages are based upon a gage
operated by the IDNR/Office of Water Resources.

STAGE

NARRATIVE	STAGE	HISTORICAL
	16	
	15	
Damage begins to residences just south of Maple Ave. in Lisle @ 14.0	14	14.0 8/14/87
		13.85 7/2/83
		13.27 7/18/96
Damage begins to residences just north of Burlington Ave. in Lisle @ 13.0	13	12.83 4/18/75
		12.53 3/4/79
	12	FLOOD STAGE 12.0'
	11	11.09 5/13/78
Water covers Ill Rt 53 approx. .5 mile north of E-W tollway & water begins to enter basements of residences in adjacent subdivision @ 10.0	10	
	09	

ELEVATION ZERO: 649.00

EMBARRAS RIVER AT STE. MARIE, ILLINOIS

USGS GAGE NUMBER: 03345500

LOCATION: In Jasper County, on right bank at upstream side bridge on
County Highway 9 at Ste. Marie, and at mile 48.2.

NW 1/4, Sec. 30, Twp. 6N, Rng. 14W

Drainage Area = 1516 sq. mi.

ELEVATION ZERO: 445.75

EMBARRAS RIVER AT LAWRENCEVILLE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Lawrence County, 12 miles above mouth of river, on downstream side of Illinois Route 1 bridge, southeast of Lawrenceville.

SW 1/4, Sec. 5, Twp. 3N, Rng. 11W

Drainage Area = 2260 sq. mi.

* Data regarding flood stages are based upon a wire weight gage operated by the National Weather Service.

Embarras River
Lawrenceville, IL
LAWI2

NARRATIVE		HISTORICAL
	-----51----	
	-----48----	
Water overtops some levees in the area @47.0	--	
	-----45----	
Old US Rte 50 is undated from 3 miles east of Vincennes @43.0	--	
	-----42----	
4th Street in Lawrenceville inundated, 11-12 families must be evacuated @41.0	--	41.34 5/16/02
Lawrenceville 10th St & parts 3rd inundated @40.0	--	
	-----39----	
Road across Poteet Bridge inundated isolating families in area @37.0	--	
Billett-Vincennes river road inundated @36.0	--	
	-----36----	
Lumber Mill Road inundated @33.0	--	
	-----33----	
Minor agricultural flooding begins @30.0	--	FLOOD STAGE 30.0'
	-----30----	
	+ + + + + + + + + + +	

ELEVATION ZERO: 382.2

ELEVATION ZERO: 382.24

FOX RIVER NEAR NEW MUNSTER, WISCONSIN

USGS GAGE NUMBER: 05545750

LOCATION: In Kenosha County, 8 miles north of Wisconsin-Illinois State Line, on right bank 40 ft. downstream from bridge on County Trunk JB and 13 miles upstream of Fox Chain of Lakes.

NW 1/4, Sec. 26, Twp. 2N, Rng. 19E

Drainage Area = 811 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	-----16-----	
		-- 7520 cfs 3/21/60, stage unknown
		-- 15.5 3/31/60 est.
	-----15-----	
		-- 14.1 2/21/94 ice
	-----14-----	-- 14.0 3/27/79 est.
		-- 13.72 5/24/04
		-- 13.67 6/15/99
	-----13-----	-- 13.0 10/2/86 est.
		-- 12.76 6/3/00
		-- 12.69 2/11/02
		-- 12.6 12/4/82 est.
Salem WI, some Silverlake homes affected @ 12.2		-- 12.30 4/25/1999
		-- 12.15 6/19/1996
	-----12-----	
		-- 11.47 6/6/02 4am
		-- 12.37 2/20/97
	-----11-----	-- 11.0 2/1/88
Damage begins to low lying residences along the Fox Chain @ 10.5		-- 10.43 4/28/1995
		-- 10.34 4/10/1998
	-----10-----	-- 10.0 FLOOD STAGE - COE,NWS
ESTIMATES OF STAGES FOR PARTICULAR EVENTS ARE BASED UPON THE GAGE'S PREVIOUS LOCATION AT WILMOT, WISCONSIN.	-----09-----	-- Normal Stage 6-7 ft
	+++++++	

ELEVATION ZERO: 735.72

FOX RIVER AT JOHNSBURG, ILLINOIS

USGS GAGE NUMBER: 05548500

LOCATION: In McHenry County, on left bank at upstream side of bridge on Chapel Hill Road in Johnsbury, 5.5 miles upstream from McHenry Dam, and at mile 103.0.

SW 1/4, Sec. 18, Twp. 45N, Rng. 9E

Drainage Area = 1205 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	10	
	09	
	08	
	07	7.55 4/6/60
	06	6.65 4/25/93 FLOOD STAGE 6.5'
	05	6.06 6/3/00 5.96 5/27/04
	04	
	03	

ELEVATION ZERO: 733.00

FOX RIVER AT STRATTON LOCK AND DAM POOL NEAR MCHENRY, ILLINOIS

USGS GAGE NUMBER: 05549500

LOCATION: In McHenry County, on right bank of main channel 300 ft. upstream from Stratton Dam, 2.5 miles downstream from McHenry, and at mile 97.8.

NW 1/4, Sec. 12, Twp. 44N, Rng. 8E

Drainage Area = 1250 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	10	
	09	
	08	
	07	
	06	6.36 4/5/60 6.04 10/2/86 5.96 4/2/79
Damage begins to low lying residences along Orchard Beach Rd., Riverdale Dr., Bayview Dr., River Terrace @5.5	05	FLOOD STAGE 5.5' 5.34 4/24/93 4.92 6/17/00 4.64 7/19/96 4.59 5/18/04 4.47 8/17/95 4.17 5/24/88
	04	
	03	

ELEVATION ZERO: 733.00

FOX RIVER AT STRATTON LOCK AND DAM TAILWATER NEAR MCHENRY, ILLINOIS

USGS GAGE NUMBER: 05549500

LOCATION: In McHenry County, at downstream end of island between spillway and gate sections of channel, about 2.6 miles downstream of McHenry.

NW 1/4, Sec. 12, Twp. 44N, Rng. 8E

Drainage Area = 1250 sq. mi.

STAGE

Fox River
McHenry TW MCH12

NARRATIVE	STAGE	HISTORICAL
	10	
	09	
	08	
	07	-- 7.2 10/2/86 -- 7.04 4/2/79 -- 6.9 5/6/73 & 4/24/93
	06	-- 6.4 3/12/74 -- 6.34 5/27/2004 -- 6.22 6/17/00 -- 5.9 5/23/74
Dmg begins to residences in Frisch's Riverside subdivision along Lagoon & River Shore Dr @5.0	05	
Damage begins to residences in Holiday Hills subdivision along Holiday Drive @4.5	04	-- FLOOD STAGE 4.0'
Residential damage near Rawson Bridge @3.0	03	

ELEVATION ZERO: 730.15

FOX RIVER AT ALGONQUIN, ILLINOIS

USGS GAGE NUMBER: 05550000

LOCATION: In McHenry County, on right bank 20 ft. upstream from State Highway 62 (Chicago Street) bridge in Algonquin, 140 ft. upstream of Algonquin Dam, and at mile 81.6.

NW 1/4, Sec. 34, Twp. 43N, Rng. 8E

Drainage Area = 1403 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----09-----	
	-----08-----	
	-----07-----	
	-----06-----	
	-----05-----	
		-- 4.5 4/1/16
		-- 4.42 7/5/38
		-- 4.37 3/16/29
Damage begins to residences in Algonquin along Lowe Drive @4.0	-----04-----	-- 4.0 4/2/79
		-- 3.99 10/3/87
		-- 3.75 4/24/93
Valley View subdiv near St. Charles flooded @3.5		-- FLOOD STAGE 3.5'
		-- 3.43 6/17/2000
Houses threatened in Richardson Subdivision		-- 3.37 5/22/04
		-- 3.24 5/23/96
Damage begins to residence along River Road in Fox River Grove, water on streets in mobile home park in NW Elgins. Street flooding in Holiday Hills. Island Lake near Burton Ridge @3.0.	-----03-----	-- FLOOD STAGE 3.0'
	-----02-----	
	+++++++	

ELEVATION ZERO: 729.48

FOX RIVER AT DAYTON, ILLINOIS

USGS GAGE NUMBER: 05552500

LOCATION: In LaSalle County, on right bank beneath County Highway 18 bridge, and at mile 5.3.

SE 1/4, Sec. 29, Twp. 34N, Rng. 4E

Drainage Area = 2642 sq. mi.

1996 FLOOD INFORMATION

The forebay embankment at the powerhouse just upstream of the gage was overtopped and breached.

NARRATIVE	STAGE	HISTORICAL
	38	
Dam crest elevation @ 36.50	36	36.47 1/25/60 (ice jam)
	34	
	32	33.19 2/11/88 (ice jam)
	30	32.00 4/23/73; 32.04 6/14/52
	28	
Floor of Dayton Powerhouse floods @ 27.00	26	
	24	24.63 10/11/54 24.47 7/19/96
	22	22.18 2/11/74 (ice jam)
	20	19.80 2/13/84 19.52 2/24/85 (ice jam)
	18	18.59 5/17/74 17.70 5/5/83 17.17 12/3/82
	16	
Damage begins to residences in Ottawa downstream of I & M Canal @15.3	14	14.93 8/27/87
Damage begins to residences approx. 1 mile downstream of Wedron @14.0	12	13.63 5/31/2004
Ottawa high school parking lot, lowlands @13.00	10	FLOOD STAGE 12.0'

GREEN RIVER NEAR GENESEO, ILLINOIS

USGS GAGE NUMBER: 05447500

LOCATION: In Henry County, on right bank at upstream side of bridge on State Highway 82, 1.4 miles upstream from Geneseo Creek, 2.4 miles north of Geneseo, and at mile 14.9.

SW 1/4, Sec. 4, Twp. 17N, Rng. 3E

Drainage Area = 1003 sq. mi.

Note: Prior to September 1997 datum was 580.66

1993 FLOOD INFORMATION

Levee break occurred downstream of Ill. Rte. 84

STAGE

Green River
Geneseo, IL GENI2

NARRATIVE	STAGE	HISTORICAL
Geneseo: Water to Grange Rd bridge deck @24.0	24	
	23	
	22	
	21	21.60 1/1/69 (ice jam) 21.59 1/23/69 - NWS
Water reaches gage house floor @20.3	20	
Geneseo: bottom Rte 82 bridge deck @19.25	19	
	18	18.59* 1/23/69 (ice jam) 18.59 1/23/69 - USGS, COE
Approx 50-60,000 acres flooded @18.3	17	
Green Rock: 10th Ave flood. Levees DS Rte 84 overtop	16	17.82 5/15/02
	15	16.75* 6/22/74
	14	16.00* 4/22/73
Rte 84 N of Rte 6 closed by Kalona/GreenRock fld	13	15.62 2/21/97 15.52 8/27/87 15.50 6/29/90
50,000-60,000 acres flooded @15.3	12	
IL Rt. 84 South of Green Rock & 10th Ave. in Green Rock inundated; overtopping of levees downstream of IL Rt. 84 begins @15.0	11	FLOOD STAGE 15.0' as of 9/97 14.99* 3/23/93
Some roads affected around Green Rock @14.5	10	14.33 7/9/86
Minor flooding	9	
	8	12.82 12/3/82
	7	
	6	
	5	
	4	
	3	
	2	
	1	

ELEVATION ZERO: 577.66

Old datum still used by COE, NWS

* -- Old datum thru Sept. 1997 - 580.66

HICKORY CREEK AT JOLIET, ILLINOIS

USGS GAGE NUMBER: 05539000

LOCATION: In Will County, on right bank at Third Avenue in Joliet, 0.2 mile downstream from Spring Creek, and at mile 1.9.

NE 1/4, Sec. 15, Twp. 35N, Rng. 10E

Drainage Area = 107 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----19-----	
	-----18-----	
	-----17-----	
	-----16-----	
	-----15-----	14.90 6/13/81
	-----14-----	13.77 7/13/57
	-----13-----	
	-----12-----	
	+++++++	

ELEVATION ZERO: 526.00

ILLINOIS RIVER AT MORRIS, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Grundy County, 0.3 mile downstream from State Route 47 Bridge, 0.3 mile upstream from Nettle Creek, and at mile 263.1.

NE 1/4, Sec. 9, Twp. 33N, Rng. 8E

Drainage Area = 7483 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

ELEVATION ZERO: 478.50

ILLINOIS RIVER AT MARSEILLES, ILLINOIS

USGS GAGE NUMBER: 05543500

LOCATION: In LaSalle County, on right bank 0.4 mile downstream from dam in Marseilles, 6.9 miles upstream from Fox River, and at mile 246.5.

SW 1/4, Sec. 13, Twp. 33N, Rng. 4E

Drainage Area = 8259 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	-----28-----	
	-----26-----	
	-----24-----	
	-----22-----	
	-----20-----	
		-- 20.10 4/12/22
		-- 19.40 4/20/27
	-----18-----	
		-- 16.78 12/4/82
	-----16-----	
		-- 15.91 11/29/90
		-- 15.66 2/24/85
		-- 15.20 7/14/57
		-- 15.08 5/15/70
		-- 14.53 7/19/96
	-----14-----	
		-- FLOOD STAGE 10.0 - COE
	+++++++	

ELEVATION ZERO: 462.91

ILLINOIS RIVER AT LASALLE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In LaSalle County, near State Highway 351 Bridge, and at mile 224.7.

SE 1/4, Sec. 22, Twp. 33N, Rng. 1E.

Drainage Area = 12572 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

STAGE

NARRATIVE	STAGE	HISTORICAL
Hennepin Power Plant affected by flooding @34.00	---34---	
2ndary business district in LaSalle affected @33.00		
Overtop seawall at Ottawa High School @ 32.00	---32---	-- 32.05 12/5/82 -- 31.8 3/21/79 -- 31.7 3/6/85
Overland damage begins in Ottawa @31.0		-- 31.0 5/22/43; 2/22/97
Top of LaSalle water pumping station pit, damage to DePue sewage treatment facilities @30.0.	---30---	-- 30.1 5/16/70
Flooding begins in sections of Peru @ 29.00		
		-- 28.86 5/14/02
	---28---	
Hennepin Levee overtops at road crossing @27.4		
Sewer backup begins in Ottawa @27.0		-- 26.9 1986
	---26---	-- 26.15 1/28/74 -- 25.63 5/31/95
Damage begins to residences in LaSalle @25.0		
	---24---	
	---22---	
Agricultural flooding of bottomlands 6 miles upstream and 12 miles downstream @ 21.00		
Farms in LaSalle, Spring Valley, & Peru lowlands flooded @20.0	---20---	-- FLOOD STAGE 20.0'
	---18---	
Agricultural damage begins north bank 17.0	---17---	

ELEVATION ZERO: 430.00

ILLINOIS RIVER AT HENRY, ILLINOIS

USGS GAGE NUMBER: 05558300

LOCATION: In Marshall County, on right bank about 600 ft. upstream from bridge on State Highway 18, 4.4 miles upstream from Crow Creek, 38.2 miles upstream of Peoria Lock and Dam, and at mile 196.0.

SW 1/4, Sec. 15, Twp. 13N, Rng 10E

Drainage Area = 13,543 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	---33---	
		-- 32.67 3/22/79
		-- 32.02 3/7/85
Marina Building in Henry inundated @31.0	---31---	
		-- 30.75 3/22/82
		-- 30.70 12/8/82
		-- 30.6 3/2/97
Homes in Henry begin to flood @29.6		
	---29---	
		-- 28.9 3/7/85
		-- 28.7 5/29/95
Damage begins to buildings east of IL Rt. 29 in Sparland @28.0		-- 28.3 5/18/02
	---27---	
		-- 26.75 4/22/93
	---25---	
		-- 24.68 2/19/84
Marina in Henry affected, minor lowland flooding	---23---	-- FLOOD STAGE 23.0'
	---21---	
	---19---	

ELEVATION ZERO: 425.88

ILLINOIS RIVER AT PEORIA, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Peoria County - Peoria, at foot of Grant Street, 2.2 miles upstream from Farm Creek, 4.5 miles upstream from Kickapoo Creek, and at mile 164.6.

SE 1/4, Sec. 9, Twp. 8N, Rng. 8E

Drainage Area = 14,165 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

ELEVATION ZERO: 428.39

ILLINOIS RIVER AT KINGSTON MINES, ILLINOIS

USGS GAGE NUMBER: 05568500

LOCATION: In Peoria County, on right bank at Kingston Mines, 2.3 miles downstream from Mackinaw River, and at mile 145.4.

SE 1/4, Sec. 26, Twp. 7N, Rng. 6E

Drainage Area = 15,818 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----30-----	
	-----28-----	
	-----26-----	-- 25.74 5/23/43
		-- 25.55 3/6/85
		-- 25.22 3/24/79
		-- 24.34 5/29/95
		-- 24.37 12/07/82
	-----24-----	
	-----22-----	-- 22.22 5/18/70
	-----20-----	-- FLOOD STAGE 20.0'
	-----18-----	
	-----16-----	
	+ + + + + + + + +	

ELEVATION ZERO: 428.00

ILLINOIS RIVER AT HAVANA, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Mason County, on left bank 100 ft. downstream of U.S. Highway 136 bridge in Havana, 0.8 mile downstream from mouth of Spoon River, and at mile 119.6.

NW 1/4, Sec. 36, Twp. 22N, Rng. 8W

Drainage Area = 18,299 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

NARRATIVE	STAGE	HISTORICAL
	32	
Liverpool levee overtops @ 30.5	30	
	28	
Overtop Thompson Lake levee @ 27.0	27.1 5/26/43	
	26.4 3/9/85	
	26.33 5/31/95	
	26	
	25.2 12/11/82	
	25.1 4/3/79	
	24	
	23.68 3/4/97	
Overtop Globe (Crabtree) levee @ 23.2	23.4 7/29/93	
	23.06 5/26	
	22	
	20	
	18	
	16	
Minor agricultural flooding of unprotected lands	14	FLOOD STAGE 14.0'

ELEVATION ZERO: 424.40

ILLINOIS RIVER AT BEARDSTOWN, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Cass County, 88.6 miles above mouth, 0.9 mile upstream from State Rt 100 Bridge, 0.3 mile downstream from Burlington Northern Santa Fe Railroad Bridge.

NW 1/4, Sec. 15, Twp. 18N, Rng. 12W

Drainage Area = 24,227 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

The Lost Creek D&LD placed sandbags were stacked 3 high on top of the levee. Some crops were lost due to standing seepage water.

Streets in the village of Beardstown collapsed due to surcharged groundwater carrying material into the combined sewer system. Extra pumping and treatment of the flows in the combined sewer system was also required.

NARRATIVE	STAGE	HISTORICAL
	-----36-----	
Overtop Beardstown seawall @ 35'		
Overtop South Beardstown levee @ 35.3		
Overtop Lost Creek levee @ 35.1		
	-----34-----	
	-----32-----	
Hager Slough overtops @ 30.0	-----30-----	
Beardstown seawall sill elevation at State St.		29.6 5/26/43
Overtop Crane Creek levee		29.44 5/30/95
		28.71 5/19/02
		28.5 3/10/85
SBeardstown D&LD closure !L Rte100 & overtop	-----28-----	
BigLake levee. Hager Slough levee critical @ 28.0		27.5 12/11/82
Overtop Coal Creek levee at boat landing &		27.0 4/4/79
damage begins in Frederick and Browning @ 27.0		
		26.6 7/29/93
Flood fighting normally required to prevent	-----26-----	
overtopping or breaching of additional levees &		
Coal Cr. D&LD closure of Ill Rte 100 crossing		
Intensive flood monitoring ds @ Meredosia @ 25.0		24.28 3/6/97
	-----24-----	
Flood fighting normally required to prevent		
overtopping or breaching of Lost Creek levees		
Damage begins to residences in Browning		
General alert for drainage and levee districts	-----22-----	
Seepage problems begin in the South Beardstown	-----20-----	
Drainage and Levee District		
Seepage problems begin at the Lost Creek D&LD	-----18-----	
	-----16-----	
Seepage problems begin in the Coal Creek	-----14-----	FLOOD STAGE 14.0'
Drainage and Levee District		
Beardstown Sanitary District begins pumping		
basements and low areas subject to flooding @ 13.6		
Pumping begins in drainage and levee districts	-----12-----	
protecting about 59,000 acres @ 12.0		
	-----10-----	
	-----8-----	
	+++++++	

ELEVATION ZERO: 419.90

ILLINOIS RIVER AT LA GRANGE LOCK AND DAM LOWER TAILWATER AT LA GRANGE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: At LaGrange Dam, on the light structure downstream of the lower miter gate of the lock chamber, and at river mile 80.2.

NE 1/4, Sec. 32, Twp. 17N, Rng. 2W

Drainage Area = 25,700 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

STAGE

ELEVATION ZERO: 406.00

ILLINOIS RIVER AT MEREDOSIA, ILLINOIS

USGS GAGE NUMBER: 05585500

LOCATION: In Morgan County, on left bank in the crib house of Central Illinois Public Service Company in Meredosia, 0.6 mile downstream from bridge on State Highway 104, and at mile 71.3.

SE 1/4, Sec. 21, Twp. 16N, Rng. 13W

Drainage Area = 26,029 sq. mi.

1993 FLOOD INFORMATION

At the Big Swan D&LD sandbags were stacked 7 high during peak flow conditions to prevent overtopping.

At the Valley City D&LD sandbags were stacked 3 high during peak flow conditions to prevent overtopping.

The McGee Creek D&LD had seepage water damages.

At the Willow Creek D&LD sandbags were placed 1.5' high on the levee and a bulldozer was also used to build up the levee.

At the Little Creek D&LD sandbags were stacked 3 high on the levee.

Two residential structures were damaged at Montezuma.

Nine residential and two commercial structures were damaged at Florence.

Ten residential and two commercial structures were damaged at Valley City.

STAGE

Illinois River
Meredosia, IL MROI2

NARRATIVE	STAGE	HISTORICAL
Overtop levees: Coon Run @ 38'	38	
Overtop levee McGee Creek @ 33.5'	34	
Overtop levee Mauvaise Terre @ 32'		
Overtop levee Meredosia Lake @ 31'		
Overtop levee Willow Ck. @ 30'	30	
Burlington N RR & levee @ Rt104 overtop @ 29.8'		
		28.61 5/26/43
		28.3 5/30/95
Overtop Scott County & northern Meredosia levees flood fighting begins at Willow Ck. D&LD	28	
		27.62 3/10/85
		27.57 5/19/02
		27.28 4/19/79
Flood fighting begins at Scott County D&DL & Coon Run D&LD & Meredosia Lake D&LD @ 27.0		26.96 7/28/93
Flood fighting begins at Valley City D&LD & overtop Little Creek levee @ 26.4		26.4 12/12/82
Damage begins to buildings in Meredosia @ 26.0	26	
		25.56 3/24/82
Flood fighting begins at Little Creek D&LD @ 25.4		
		24.85 11/27/85
Damage begins to buildings in Montezuma @ 24.2	24	
		23.4 6/6/96
Flood fighting begins at Big Swan D&LD @ 23.0		
Meredosia Lake Road overtopped @ 22.6		
Low roads in Florence overtopped @ 22.4		
Cargill Co. in Florence begins flood fighting @ 22.2	22	
Main road in Valley City overtopped @ 20.0	20	
Meredosia plugs storm sewer outlets @ 18.0	18	
Meredosia boat dock floods @ 17.4		
	16	
	14	FLOOD STAGE 14.0'

ELEVATION ZERO: 418.00

ILLINOIS RIVER NEAR VALLEY CITY, ILLINOIS

USGS GAGE NUMBER: 05586100

LOCATION: In Scott County, on left bank on upstream side of Norfolk &
Southern railroad bridge at Flints Creek, 0.4 miles east of Valley City,
1.8 miles downstream of Mauvaise Terre Creek, and at mile 61.3.

NW 1/4, Sec. 34, Twp. 15N, Rng. 14W

Drainage Area = 26,743 sq. mi.

STAGE

Illinois River
Valley City, IL VAL12

NARRATIVE	STAGE	HISTORICAL
	37	
	35	
	33	
	31	
	29	28.61 5/26-28/43
		27.62 3/11/85
		27.28 4/18/79
	27	26.45 5/31/95
		25.95 7/31/93
		25.69 5/19/02
	25	25.00 8/1/93
	23	
	21	21.45 6/7/96
	19	19.27 5/17/98
Commercial building flooded @18.0	18	18.49 3/2/01
	17	
	15	
Rd to Norbut Fish & Wildlife area flooded @14.0	14	
	13	
	11	FLOOD STAGE 11.0'
	09	

ELEVATION ZERO: 418.00

IROQUOIS RIVER NEAR CHEBANSE, ILLINOIS

USGS GAGE NUMBER: 05526000

LOCATION: In Kankakee County, on right bank at upstream side of highway bridge, 3.1 miles downstream from Beaver Creek, 4.5 miles east of Chebanse, and at mile 6.5.

SW 1/4, Sec. 10, Twp. 29N, Rng. 13W

Drainage Area = 2091 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	22	
		21.68 3/7/79 (backwater)
		21.6 spring 1913
	21	
	20	20.1 5/13/33
	19	
		18.22 1/1/91
Secondary roads near river flood	18	
		17.76 2/25/85
		17.24 3/13/90
	17	
		16.92 4/15/94
Overbank flooding for surrounding farmland.	16	FLOOD STAGE 16.0'
Farmland several miles US floods, gagebanks @ 12.5		
Rural damage begins @ 12.0	15	

ELEVATION ZERO: 595.99

KANKAKEE RIVER AT MOMENCE, ILLINOIS

USGS GAGE NUMBER: 05520500

LOCATION: In Kankakee County, on right bank at Hill Street in Momence, 0.2 mile downstream from bridge on State Highway 1 & 17, 1.2 miles upstream from Tower Creek, and at mile 47.9.

NE 1/4, Sec. 24, Twp. 31N, Rng. 13E

Drainage Area = 2294 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	11	
		10.51 3/6/79 (ice jam)
	10	
	09	9.09 1/25/30 (ice jam)
Damage begins in River Isle subdivision 0.5 mile upstream of gage @ 8.0	08	8.08 2/11/88 (ice jam) 7.99 1/3/74 (ice jam)
	07	7.09 3/9/63 6.79 2/12/95 (ice)
Camp grounds 3 miles downstream of State line begins to flood @ 6.0	06	6.17 12/30/90 5.81 2/27/97 5.8 7/22/96 5.68 1/5/93
Extensive flooding of island park in Mokence. Some basement flooding to homes in River Isle @ 17.50		
Flooding approaches some low lying buildings on river islands downstream of gage @ 5.00	05	FLOOD STAGE 5.0'
	04	

ELEVATION ZERO: 609.18

KANKAKEE RIVER NEAR WILMINGTON, ILLINOIS

USGS GAGE NUMBER: 05527500

LOCATION: In Will County, on right bank, 0.4 mile downstream from
Prairie Creek, 0.5 mile upstream from bridge on Interstate
55, 5 miles downstream from Wilmington, and at mile 5.7.

NW 1/4, Sec. 15, Twp. 33N, Rng. 9E

Drainage Area = 5150 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	18	
		16.73 1883 & 1887
	16	
		15.41 5/13/33
	14	
		13.88 1/30/68 (ice jam)
	12	
		11.40 7/13/57
	10	
		10.41 12/28/90 (ice jam)
	8	
Damage begins to buildings in Wilmington @ 8.0 **		
		7.27 2/22/97
Near houses near I-55 bridge		
	6	
Very low areas near river in river reach.		FLOOD STAGE 5.0'
	4	

KASKASKIA RIVER AT VANDALIA, ILLINOIS

USGS GAGE NUMBER: 05592500

LOCATION: In Fayette County, on right bank at upstream side of Gallatin Street Bridge in Vandalia, 3.5 miles upstream from Hickory Creek, and at mile 135.7.

SE 1/4, Sec. 16, Twp. 6N, Rng. 1E

Drainage Area = 1940 sq. mi.

STAGE

Kaskaskia River
Shelbyville Pool SBY12

NARRATIVE	+ + + + + + + + +	HISTORICAL
	---628---	
	---626---	
	---624---	
	---622---	
	---620---	-- 620.26 6/29/74
	---618---	-- 618.01 5/10/02
		-- 617.66 12/7/93
		-- 616.69 6/15/96
	---616---	
	---614---	
		-- 613.65 6/9/95
	---612---	
	---610---	
	---608---	
	---606---	
	---604---	
	---602---	
	---600---	
	+ + + + + + + + +	

ELEVATION ZERO: 0.00

KASKASKIA RIVER AT VANDALIA, ILLINOIS

USGS GAGE NUMBER: 05592500

LOCATION: In Fayette County, on right bank at upstream side of Gallatin Street Bridge in Vandalia, 3.5 miles upstream from Hickory Creek, and at mile 135.7.

SE 1/4, Sec. 16, Twp. 6N, Rng. 1E

Drainage Area = 1940 sq. mi.

ELEVATION ZERO: 453.30

KASKASKIA RIVER AT CARLYLE RESERVOIR TAILWATER AT CARLYLE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Clinton County, on right bank 300 ft. downstream from
dam at Carlyle, 16.5 miles upstream from
Crooked Creek, and at mile 94.0.

SE 1/4, Sec. 18, Twp. 2N, Rng. 2W

Drainage Area = 2717 sq. mi.

*Data regarding flood stages are based upon a gage operated by the
Corps of Engineers, St. Louis District.

Normal Pool 445.00

Pool record 459.8 5/19/02

STAGE

NARRATIVE	STAGE	HISTORICAL
	34	
		33.69 5/21/43
Overtop Heimann Levee @33.08		
	32	
Overtop Santa Fe, Hanover, and Germantown levee @32.08		
	30	
	28	
Damage begins to residences near Bartelso and backwater begins to damage Germantown sanitary sewer facilities @27.08		
	26	
		25.28 5/10/70
	24	
		24.31 4/15/79, 24.29 6/7/02 24.12 3/21/78, 24.0 11/24/93
		23.72 5/27/02 23.50 1/15/85
		22.85 2/16/2001
Cabins just below dam are inundated @22.08	22	
		22.23 5/28/95
Rural damage begins, township roads in Covington become inundated @20.08		
		FLOOD STAGE 20.58'
	20	

ELEVATION ZERO: 402.92

KISHWAUKEE RIVER NEAR PERRYVILLE, ILLINOIS

USGS GAGE NUMBER: 05440000

LOCATION: In Winnebago County, on left bank at upstream side of bridge on Blackhawk Road, 1.4 miles downstream from South Branch Kishwaukee River, 2 miles southwest of Perryville, 7.1 miles upstream from Killbuck Creek, and at mile 9.6.

NE 1/4, Sec. 21, Twp. 43N, Rng. 2E

Drainage Area = 1099 sq. mi.

NARRATIVE		HISTORICAL
	-----24-----	-- 23.85 1/38
		-- 23.54 7/18/96
Damage begins to residences in Cherry Valley @ 22.	-----22-----	
		-- 20.71 2/21/94
		-- 20.48 3/21/79
	-----20-----	-- 19.76 2/22/97
		-- 19.65 4/22/73
Preserve rds inundated, one home isolated @ 19.0		-- 18.59 6/5/02
		-- 18.39 7/3/78
		-- 18.27 5/17/74
Inundated areas in New Milford and Will James Rd area approaching some homes.	-----18-----	
		-- 16.70 1/31/88 (ice jam)
		-- 16.62 3/24/93
Damage begins to residences downstream of Belt Line Road and downstream of U.S. Rt. 51 @ 16.0	-----16-----	
	-----14-----	
		-- 13.68 2/26/85
Minor flooding in Cherry Valley city park @ 12.0	-----12-----	-- FLOOD STAGE 12.0'
Minor flooding of rural lands @ 10.0	-----10-----	

ELEVATION ZERO: 692.1

LAMOINE RIVER AT COLMAR, ILLINOIS

USGS GAGE NUMBER: 05584500

LOCATION: In McDonough County, on right bank at downstream side of bridge on State Highway 61, 0.2 mile downstream from Burlington Northern Santa Fe Railroad bridge, 1 mile southwest of Colmar, and at mile 61.8.

SW 1/4, Sec. 18, Twp. 4N, Rng. 4W

Drainage Area = 655 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
Colmar: rivergage equipment inoperable @32.4 --	-----30-----	
Colmar: IL Hwy 61 bridge rails underwater @32.0 --		
Colmar: Water at BN RR bridge deck @30.0 --		
Colmar: Water on IL Hwy 61 at bridge @29.5 --		
Tennessee: Water at bottom Hwy 136 bridge deck --		
Brooklyn: Water at bottom Hwy 101 bridge deck --	-----28-----	
Birmingham: Water @ Camp Cr Rd bridge deck --		-- 27.03 1/3/65 (ice jam)
Plymouth (E) some houses affected		-- 26.61 3/5/85
Colmar: Water on IL Hwy 61 at bridge @26.5 --		
	-----26-----	
		-- 25.7 5/13/02
		-- 25.69 10/4/86
St. Mary: Water at bottom Cnty Rd 6 bridge deck --		-- 25.14 9/25/70
		-- 24.81 6/21/90
Ag levees at Troublesome Cr confluence overtop --	-----24-----	-- 24.23 7/26/93; 24.21 5/28/96
Houses near McDonough-Schuyler county line		-- 23.9 5/18/95
Birmingham: Water on low roads. Ag land by river --		
	-----22-----	
Ag flooding along most of reach --		
	-----20-----	
Bankfull. Lowest banks overflow. Ag land encroach --		-- FLOOD STAGE 18.5'
	-----18-----	
	-----16-----	
	+ + + + + + + + +	

ELEVATION ZERO: 491.53

LAMOINE RIVER AT RIPLEY, ILLINOIS

USGS GAGE NUMBER: 05585000

LOCATION: In Brown County, on right bank 600 feet downstream from bridge on U.S. Highway 24, 0.2 mile east of Ripley, 2 miles upstream from Town Branch, and at mile 12.3.

NE 1/4, Sec. 33, Twp. 1N, Rng. 2W

Drainage Area = 1293 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	32	
	30	
		29.15 5/18/95
		29.07 3/7/85; 5/8/96
		28.96 6/23/90
		28.63 11/19/85
		28.42 9/27/70, 5/15/02
HWY 99 north of Camden begins to flood @28.0	28	28.10 10/7/86
		27.27 12/5/82
		26.98 7/28/93
		26.27 5/20/84
	26	
		25.20 11/6/77
		24.23 4/13/78
Township road downstream of gage begins to flood @24.0	24	23.93 6/30/98
		23.4 2/14/01
10,000 acres flooded @23.0		
Farmland flooding and rural damages begin @22.0	22	FLOOD STAGE 22.0'
Rural damage begins @20.0	20	
	18	

ELEVATION ZERO: 431.10

LITTLE CALUMET RIVER AT SOUTH HOLLAND, ILLINOIS

USGS GAGE NUMBER: 05536290

LOCATION: In Cook County, on left bank at downstream side of bridge on Cottage Grove Avenue in South Holland, 2 miles downstream from Thorn Creek, and at mile 23.0.

SE 1/4, Sec. 15, Twp. 36N, Rng. 14E

Drainage Area = 208 sq. mi.

STAGE

Little Calumet River
South Holland, IL SHL12

NARRATIVE	STAGE	HISTORICAL
	25	
	23	
	21	
		-- 20.5 11/28/90 -- 20.20 6/14/81 -- 20.11 7/14/57 -- 20.01 7/19/96
Residential struct. along Drexel Rd flooded @ 19.0	19	-- 19.24 4/6/47
170th Str becomes inundated @ 18.0 Riverview & Drexel Roads inundated @ 17.9'		-- 17.82 2/24/85
	17	
Veterans Park inundated @ 15.0'	15	
		-- 13.75 4/9/02
	13	-- FLOOD STAGE 13.0'
	11	

ELEVATION ZERO: 575.00

LITTLE WABASH RIVER BELOW CLAY CITY, ILLINOIS

USGS GAGE NUMBER: 03379500

LOCATION: In Clay County, on right bank 300 feet downstream from highway bridge, 0.3 mile downstream from Big Muddy Creek, 5 miles southeast of Clay City, and at mile 128.5.

SE 1/4, Sec. 3, Twp. 2N, Rng. 8E

Drainage Area = 1131 sq. mi.

STAGE

ELEVATION ZERO: 392.29

LITTLE WABASH RIVER AT CARMİ, ILLINOIS

USGS GAGE NUMBER: 03381500

LOCATION: In White County, on right bank at downstream side of Possum Bridge, 2.3 miles South of Main Street Bridge in Carmi, 7.8 miles downstream from Skillet Fork, and at mile 30.5.

SE 1/4, Sec. 25, Twp. 5S, Rng. 9E

Drainage Area = 3102 sq. mi.

NARRATIVE		HISTORICAL
	-----37-----	
		-- 36.66 5/12/61
		-- 35.55 5/16/02
Flooding at businesses & main portion of mobile home park just downstream of IL Rt. 14 and 1 in Carmi begins @35.4	-----35-----	
		-- 34.27 5/23/90
		-- 34.14 5/25/95
Beginning of major problem to highways		
		-- 33.50 3/6/79
		-- 33.45 11/28/85; 33.41 5/3/96
	-----33-----	
		-- 32.9 4/20/94
		-- 32.12 1/8/91
Flood water flows up McHenry Slough. CH 23 becomes inundated @32.0		-- 31.83 3/22/78
	-----31-----	
		-- 30.93 2/10/88
Large area of farm land inundated @30.0		
		-- 29.11 3/10/97
	-----29-----	
County roads start being inundated @27.0	-----27-----	-- FLOOD STAGE 27.0'
	-----25-----	
	-----23-----	
	+++++++	

ELEVATION ZERO: 339.9

MACKINAW RIVER NEAR CONGERVILLE, ILLINOIS

USGS GAGE NUMBER: 05567500

LOCATION: In Woodford County, on right bank at downstream side of bridge on U.S. Highway 150, 900 ft. downstream from the Norfolk and Southern Railway bridge, 0.2 mile downstream from Walnut Creek, 2 miles northwest of Congerville, and at mile 58.7.

SW 1/4, Sec. 17, Twp. 25N, Rng. 1W

Drainage Area = 767 sq. mi.

STAGE

Mackinaw River
Congerville, IL CNGi2

NARRATIVE	STAGE	HISTORICAL
	-----26-----	
	-----24-----	
	-----22-----	
	-----20-----	-- 20.21 12/4/82
		-- 19.61 10/4/86
	-----18-----	-- 18.37 9/15/93
		-- 18.06 3/11/90
		-- 17.69 5/12/02
		-- 17.33 5/14/95
	-----16-----	-- 16.65 2/24/85
		-- 15.70 11/28/90
	-----14-----	-- 14.07 3/24/93
Widespread agricultural flooding occurs @ 13.0	-----12-----	-- FLOOD STAGE 13.0'
Minor flooding of low lying areas		

ELEVATION ZERO: 607.01

MACKINAW RIVER NEAR GREEN VALLEY, ILLINOIS

USGS GAGE NUMBER: 05568000

LOCATION: In Tazewell County, at bridge on State Highway 29, 3.9 miles northwest of Green Valley, and at mile 17.3.

SE 1/4, Sec. 12, Twp. 23N, Rng. 5W

Drainage Area = 1073 sq. mi.

NOTE: This gage has been moved several times and had different datums.

< to Jan 17, 1933

3.5 miles d.s. of railroad datum 479.10

Jan 17 1933 to May 1940 to September 1952

3.6 miles d.s. datum 479 .1

Oct 1952 to Oct 1956 & Nov 1956 to Sept 1988

3.6 mi d.s. datum 497.1

STAGE

Mackinaw River
Green Valley, IL GNV12

NARRATIVE	STAGE	HISTORICAL
	-----35-----	
	-----31-----	
		-- >28.29 9/16/93 gage overtopped
		-- 27.59 5/14/02
	-----27-----	
		-- 26.83 5/26/95
		-- 26.53 3/13/90
		-- 24.45 7/30/92
		-- 24.38 11/30/90; 3/25/93
	-----23-----	
		-- 23.21 2/28/97
		-- 21.36 4/14/94
	-----19-----	
		-- 16.80 5/19/27 **
		-- 16.56 5/28/89
		-- 16.13 12/5/82 *
	-----15-----	
		-- 14.01 10/4/86
Damage begins to residences just upstream of gage	-----11-----	
Various township roads downstream of gage inundated		
* Different location (3.6 miles DS)	-----07-----	
** 3.5 miles DS of railroad; datum 479.10	+ + + + + + + + +	

ELEVATION ZERO: 477.10

MISSISSIPPI RIVER AT LOCK AND DAM #11 TAILWATER, DUBUQUE, IOWA

USGS GAGE NUMBER: NONE*

LOCATION: At Dam #11, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 583.0 upstream of the Ohio River.

NE 1/4, Sec. 7, Twp. 1N, Rng. 3E

Drainage Area = 81,600 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

Locks to open at 19.5 ft.

STAGE

Mississippi River
Lock & Dam #11 TW DLDI4

NARRATIVE	STAGE	HISTORICAL
	---28---	
	---26---	
		-- 25.69 4/26/65
	---24---	
		-- 23.91 4/21/01
CB&Q Railroad inundated nr Lock 11 @23.0 --		
		-- 22.3 7/1/93
	---22---	
		-- 21.74 4/23/69
		-- 21.64 4/22/51
	---20---	
	---18---	
	---16---	-- FLOOD STAGE 16.0'
	---14---	
	+++++++	

ELEVATION ZERO: 588.20

MISSISSIPPI RIVER AT DUBUQUE, IOWA

USGS GAGE NUMBER: NONE*

LOCATION: In Dubuque County, Iowa, 2.3 miles upstream from Catfish Creek, 3.0 miles downstream from Dam No. 11, at the foot of 4th Street in Dubuque, adjacent to the right abutment of the I.C.R.R. bridge, and at mile 579.9 upstream of the Ohio River.

NW 1/4, Sec. 30, Twp. 29N, Rng. 2W

Drainage Area = approx. 81,600 sq. mi.

*Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

Flooding occurred inside the levee at East Dubuque from a locally intense rain storm while the gates were closed due to high stages on the Mississippi River.

STAGE

Mississippi River
Dubuque, IA DBQI4

NARRATIVE	STAGE	HISTORICAL
Overtop East Dubuque levee @ 28.5	28	
		26.81 4/26/65
	26	
		25.4 4/21/01
BNRR inundated near Dam #11 @25.0		
	24	
		23.8 7/1/93
		23.11 4/24/69
		22.8 5/6/75
		22.7 4/17/97
	22	
		21.85 3/23/73
ICRR inundated @20.1		
	20	
Lock & Dam #12 out of service @19.4		
Alert stage for East Dubuque levee @18.4		
	18	
Damage begins to buildings in Frentress Lake area and moderate damage to rural area @17.0		FLOOD STAGE 17.0'
	16	
EDuBuque experiences seepage problems @15.0		
Lower end of City Island inundated @14.0	14	

ELEVATION ZERO: 585.47

MISSISSIPPI RIVER AT LOCK AND DAM #12 TAILWATER, BELLEVUE, IOWA

USGS GAGE NUMBER: NONE*

LOCATION: At Dam #12, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 556.7 upstream of the Ohio River.

NE 1/4, Sec. 18, Twp. 86N, Rng. 5E

Drainage Area = 82,400 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

Approximately 10 residences and 40 businesses received damage in Savanna.

Locks to open at 17.2 ft.

STAGE

Mississippi River
Lock & Dam #12 TW, BLVI4
Bellevue, IA

NARRATIVE	STAGE	HISTORICAL
	26	
	24	
		-- 23.51 4/26/65
		-- 22.58 4/22/01
Rt 84 N of bridge @ Savanna inundated @ 22.0	22	
		-- 21.5 7/1/93
Damage begins at grain elevator in Savanna @ 20.4		
Basement flooding in homes and businesses begins in Savanna @ 20.2	20	-- 20.16 4/17/97
	18	
		-- FLOOD STAGE 17.0'
	16	
	14	
	12	

ELEVATION ZERO: 580.20

MISSISSIPPI RIVER AT LOCK AND DAM #13 TAILWATER FULTON, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Whiteside County at Dam #13, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 522.5 upstream of the Ohio River.

NE 1/4, Sec. 16, Twp. 22N, Rng. 3E

Drainage Area = 85,500 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

The Johnson Creek D&LD closed its flood gates to the Mississippi River and had to pump due to intense local rain storms.

The Cattail DD had approximately 1500 acres flooded due to heavy interior rains.

The village of Fulton had to pump treated sewage over the levee and also had difficulty handling the interior rain storms.

Locks to open at 18.0 ft.

NARRATIVE	STAGE	HISTORICAL
Fulton levee overtopped @ 29.3'	26	
		25.03 4/28/65
	24	
L&D 13 - Top of Lock wall @23.3		23.2 4/23
		22.17 7/8/93
	22	
		21.23 4/27/52
	20	
L&D 13 - Stop locking through. Moderate flooding	18	
		17.7 4/23/93
Dmg begins in unprotected areas of Fulton @16.8		
Gates closed at Johnson Creek D&LD @16.0 L&D 13 (tail) flood stage. Begin pumping operations	16	FLOOD STAGE 16.0'
Minor flooding		
	14	
L&D: Open gates (take dam out of operation) 13.7		
	12	

ELEVATION ZERO: 568.70

MISSISSIPPI RIVER AT CLINTON/CAMANACHE, IOWA

USGS GAGE NUMBER: 05420500

LOCATION: In Clinton County, Iowa, on right bank at foot of Eighth Avenue and First Street in Camanche, 5.0 miles upstream from Wapsipinicon River, 10.6 miles downstream from Lock and Dam 13, and at mile 511.8 upstream from Ohio River.

NW 1/4, Sec. 34, Twp. 81N, Rng. 6E

Drainage Area = 85,600 sq. mi.
86,000 sq. mi. COE

1993 FLOOD INFORMATION

Three residences and 2 businesses were damaged in Albany. Ill. Rte. 84 was closed from June 30 to July 16. Sewage overflow was pumped to the river.

Approximately 10 residences and the sewage lift station were damaged in Cordova.

At the Meredosia D&LD heavy interior rains caused some damage to crops.

STAGE

Mississippi River
Clinton (Camanche), IA CMM14

NARRATIVE	STAGE	HISTORICAL
Meredosia levee overtopped @ 28'	26	
		24.65 4/28/65
	24	
		23.55 4/23/01
		22.87 7/7/93
	22	
Ill Rte. 84 closed near Albany @21.4		21.58 4/26/69; 4/19/97
Lift station damages occurs in Cordova & Main Ave. & 2nd St. intersection closed @20.8		20.65 3/25/73
	20	
		18.52 5/1/96
	18	
Residential damage in Albany & Cordova. Albany starts pumping at sewage treatment facility @17.0		FLOOD STAGE 17.0'
Basement damage begins in Cordova @16.0	16	
	14	
	12	

ELEVATION ZERO: 562.68

MISSISSIPPI RIVER AT LOCK AND DAM #14 TAILWATER AT LECLAIRE, IOWA

USGS GAGE NUMBER: NONE*

LOCATION: In Rock Island County, 2.2 miles downstream from Interstate Highway 80 bridge, 3.8 miles downstream from Rapids City, Illinois, at Dam #14, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 493.3 upstream of the Ohio River.

NE 1/4, Sec. 8, Twp. 18, Rng. 1E

Drainage Area = 88,400 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

Four residences in Port Byron were damaged. The lift station inlet was extended vertically 6' and two pumps were burned out during the 2½ weeks of continuous pumping.

Approximately 6 residences were damaged in Rapids City.

Approximately 139 residences were damaged on Campbell's Island.

Locks to open at 14.0 ft.

STAGE

Mississippi River
Lock & Dam #14 TW LEC14

NARRATIVE	STAGE	HISTORICAL
Access limited to Campbell Island @18.0	18	17.75 4/28/65
	17	16.93 4/24/01
		16.6 7/8/93
Residential damage in Port Byron & Rapids City EMolineSewagePlant levee overtops, damage to nearly all buildings on Campbell's Island @16.0	16	
	15	
Sand bagging req'd in Princeton's River Dr @15.0		14.60 4/26/69; 4/19/97
	14	14.0 4/28/52; 5/9/75
		13.62 3/26/73
Damage begins to residences in Hampton @13.5 Gate closure of access road to International Harvester @ 1st St. in East Moline @13.4	13	
	12	
Damage begins to residences in Rapids City @12.5		
	11	
Port Byron residential basement damage @11.3		
	10	
Rural damage occurs @11.0		FLOOD STAGE 11.0'
	9	
Pleasant Valley Island partially inundated @10.0 Minor rural damage @10.0		
W island Ave on Campbell's Island flooded, damage begins in East Moline & on Campbell's Island @9.0		ELEVATION ZERO: 557.08

MISSISSIPPI RIVER AT LOCK AND DAM #15 TAILWATER AT ROCK ISLAND, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Rock Island County, 0.8 mile upstream from Centennial Highway (U.S. Route 67) bridge, 1.4 miles upstream from Davenport, Rock Island, and Northwestern Railroad Bridge, at Dam #15, 420 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 482.9 upstream of the Ohio River.

SE 1/4, Sec. 26, Twp. 18N, Rng. 2W

Drainage Area = 88,500 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

Approximately 3 residences and 3 business were damaged in Rock Island

Locks to open at 20.0 ft.

ELEVATION ZERO: 542.50

MISSISSIPPI RIVER AT MUSCATINE, IOWA

USGS GAGE NUMBER: NONE*

LOCATION: In Muscatine County, Iowa, 0.6 mile downstream from Illinois Route 92 bridge, 2 miles downstream from Lock and Dam 16, and at mile 453.3 upstream of the Ohio River.

SW 1/4, Sec. 36, Twp. 17N, Rng. 6W

Drainage Area = approx. 99,450 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

One residence was damaged in Andalusia. Sandbags were used on 2nd Avenue to control high stages on the Mississippi River which had impacted local tributaries.

Approximately 11 residences were damaged in the Drury DD due to seepage and heavy interior rains. The levee was sandbagged to prevent being overtopped.

At the Bay Island D&LD the levee was raised 4' with sandbags and wooden supports. Four pumps were used to try to control water levels within the district due to seepage and heavy interior rains. Approximately 13 residences and 16,500 acres of farm land were damaged.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----28-----	
	-----26-----	
		-- 25.61 7/9/93
Overtop Bay Island and Drury levees @25.0 --		-- 24.81 4/29/65
	-----24-----	
		-- 23.5 4/25/01
County Hwy 17 in New Boston overtopped @23.0 --		
	-----22-----	
		-- 21.63 4/25/73
		-- 21.20 4/26/69
		-- 21.09 4/21/97
Rte 84 S of Andalusia becomes inundated @20.0 --	-----20-----	
	-----18-----	
	-----16-----	-- FLOOD STAGE 16.0'
Damage begins to buildings along river downstream of Andalusia and to low lying residences in Andalusia --	-----13----- + + + + + + + + +	

ELEVATION ZERO: 530.74

MISSISSIPPI RIVER AT LOCK AND DAM #17 TAILWATER NEAR NEW BOSTON, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Mercer County at Dam #17, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 437.1 upstream of the Ohio River.

NW 1/4, Sec. 27, Twp. 14N, Rng. 6W

Drainage Area = 99,600 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

Locks to open at 18.2 ft.

STAGE

NARRATIVE	+ + + + + + + + + +	HISTORICAL
	----26----	-- 25.9 7/09/93
	----24----	
		-- 23.14 4/28/65
		-- 22.46 4/25/01
	----22----	
		-- 21.73 4/25/73
		-- 21.0 4/26/95
	----20----	
	----18----	
	----16----	
	----14----	-- FLOOD STAGE 14.0'
	----12----	
	+ + + + + + + + + +	

ELEVATION ZERO: 526.57

MISSISSIPPI RIVER AT KEITHSBURG, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Mercer County, by Pope Creek, 2.6 miles downstream from Edwards River, 5.4 miles downstream from Iowa River, 1 mile upstream from Transaction Associate Railroad Bridge, at the north edge of Keithsburg, and at mile 427.7 upstream of the Ohio River.

SE 1/4, Sec. 22, Twp. 13N, Rng. 5W

Drainage Area = 112,870 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

Approximately 20 homes in New Boston were damaged.

Approximately 173 residences and 23 businesses were damaged in Keithsburg. Most of the damage occurred when the levee along Pope Creek near 16th St. failed on July 7, flooding about $\frac{2}{3}$ of Keithsburg.

At Oquawka approximately 11 residences and 2 businesses were damaged all of which were on the outside of the levee. The levee was raised 3' in some locations by sandbags. The levee held however there were seepage problems which required using 4 pumps to prevent flooding on the interior side of the levee.

STAGE

Mississippi River
Keithsburg, IL KHB12

NARRATIVE	STAGE	HISTORICAL
Keithsburg: Height of instrument gage shelf @ 28.0	---27---	
Bay Island overtopped @ 26.0		
Keithsburg: Water at foot of gage house	---25---	
		-- 24.2 7/9/93
Oquawka levee overtopped @ 23.8		
	---23---	
Keithsburg: Top of town levee. New Boston: grain elevators affected (remove motors)	---21---	
		-- 20.72 5/12
		-- 20.36 4/27/65
Keithsburg: boat club building takes water. Hender- son DD: top of agricultural levee		
Oquawka: Marina Drive IL power facility @ 19.5		
		-- 19.35 4/25/73
		-- 19.1 4/25/93
First block of Oquawka flooded from Warren St. to Lincoln St., covering all of Depot St. 4th St. @ 19.0	---19---	
Oquawka: Water on Marina Dr just south of town		
		-- 17.99 4/21/97
Oquawka: Water affects most houses on 1st St.		
Damage begins in low lying areas of Keithsburg @ 17' Seepage affects Jackson Ave S of 4th.	---17---	
Oquawka: Water enters houses on 1st St		
Keithsburg: campground/boatramp underwater		
Damage begins to residences in Oquawka @ 15.0	---15---	
Oquawka: Low lying areas affected		
		-- 14.4 2/25/85
Keithsburg: campground begins flooding		-- FLOOD STAGE 14.0'
Iron Twtnshp: Local access road to summer cottages		
Unpaved county roads and ag land affected	---13---	

ELEVATION ZERO: 523.19

MISSISSIPPI RIVER AT LOCK AND DAM #18 TAILWATER NEAR GLADSTONE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Henderson County at Dam #18, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 410.5 upstream of the Ohio River.

NE 1/4, Sec. 12, Twp. 70N, Rng. 6W

Drainage Area = 113,600 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

At the Henderson County DD #3 portions of the levee were raised 3' with sandbags. The levee had several major sand boils. The levee failed, apparently by piping, on July 1 in an area which had not been raised and which had not previously indicated seepage problems. The drainage district filled in about 24 hours from the time of the levee failure.

Dam 18 had flows over it.

Locks to open at 15.0 ft.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----24-----	
	-----22-----	-- 21.54 7/10/93
	-----20-----	
Lock & Dam #18 - Top of lock wall @19.1 --	-----18-----	-- 17.65 5/12 -- 17.40 4/25/73
Overtop Henderson #3 levee @17.0 --	-----16-----	-- 17.10 4/27/65 -- 16.6 4/26/93
L&D 18 - Stop Locking through --	-----14-----	-- 14.65 4/21/97 -- 14.56 4/27/51
Major flooding --	-----12-----	
Moderate flooding --	-----10-----	
Minor flooding @9.0 --	-----9.0-----	-- FLOOD STAGE 10.0'

ELEVATION ZERO: 518.52

MISSISSIPPI RIVER AT BURLINGTON, IOWA

USGS GAGE NUMBER: NONE*

LOCATION: In Des Moines County, Iowa, 7.2 miles downstream from Dam No. 18, 7 miles upstream from Skunk River, at the Burlington sewage treatment plant, and at mile 401 upstream of the Ohio River.

SW 1/4, Sec. 33, Twp. 10N, Rng. 6W

Drainage Area = 114,500 sq. mi.
114,000 sq. mi. COE

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

At Dallas City the sewage treatment plant was shut down beginning July 1. About 20 residences were damaged in addition to the sewage treatment plant and 2 lift stations. Additional residential damage was minimized by the placement of sandbags, up to 4' high, in the area of First St.

At the Niota area there were about 126 residences which were either damaged or were surrounded by water. The flood also caused an oil spill.

At Pontoosuc about 136 residences were damaged.

At Gulfport 5 residences and 2 businesses which are outside of the levee were damaged.

The Henderson County DD #1 levee was raised 4' by sandbags. Seepage and interior runoff caused problems on the interior of the levee.

The Henderson County DD #2 levee was raised 4' by sandbags. Seepage and interior runoff caused problems on the interior of the levee.

STAGE

NARRATIVE		HISTORICAL
	---28---	
	---26---	
		25.0 7/10/93
	---24---	
Overtop Henderson #1 & #2 levees @ 23.9		
Overtop Keithsburg levee @ 23.5		
	---22---	
		21.82 5/15
		21.5 4/25/73
Overtop Niota levee @21.4		
Damage begins to sewage treatment plant @ Dallas City		21.0 4/30/65
		20.4 4/25/93
	---20---	
Damage begins to residences in Dallas City and Pontoosuc @19.0		19.0 10/06/86
		18.9 4/21/97
		18.5 4/6/79
	---18---	
Damage begins to unprotected buildings in low areas around Niota @16.0	---16---	
		FLOOD STAGE 15.0'
	---14---	
	+++++++	

ELEVATION ZERO: 511.45

MISSISSIPPI RIVER AT KEOKUK, IOWA

USGS GAGE NUMBER: 05474500

LOCATION: In Lee County, Iowa, near right bank in tailwater of Union Electric Company dam at Keokuk, 0.2 mile upstream from bridge on U.S. Highway 136, 1.2 miles upstream from Des Moines River, and at mile 364.2 upstream from Ohio River.

SW 1/4, Sec. 30, Twp. 65N, Rng. 4W

Drainage Area = 119,000 sq. mi.

1993 FLOOD INFORMATION

At Nauvoo sandbags were placed on the side of the levee at the water treatment plant and at a private levee for protection, however none were placed on top. The private levee experienced some sand boils and pumping was needed at both levees to prevent damage.

At Warsaw about 16 residences and 2 businesses were damaged. The levee around the sewage treatment plant was raised 2' by sandbags before it failed, resulting in untreated sewage being discharged to the river. Three of the sewage lift stations were also damaged. The water treatment plant was protected by placing sandbags 6.5' high, although continuous pumping was necessary to control the seepage.

At Hamilton 1 residence was damaged. Three businesses were closed due to the flooding but were not severely damaged. Sandbags were placed up to 9' high around the water treatment plant which allowed its continued operation after the levee protecting it failed. The four lane portion of U.S. Rte. 136 was closed on July 5 and reopened as two lanes on July 17 after it was raised with rock on the inside of concrete barriers.

Lock opens at 21.2 ft.

STAGE

NARRATIVE	STAGE	HISTORICAL
	30	
Overtop levees at Nauvoo @28.0	28	
Rte 96 to Navoo inundated @ 27.5		27.58 7/10/93
	26	
Hamilton water treatment plant levee overtops, damage begins to low lying buildings @24.0	24	
Overtop U.S. Rte. 136 to Keokuk, Iowa @ 23.6		23.5 4/23/73
		22.94 5/14
Warsaw levee overtop, sewage trtmnt plnt @22.0	22	22.1 5/01/65
Water treatment plant damage at Warsaw @21.6		
Streets in Nauvoo near the river overtopped @21.0		21.0 6/6/1851
	20	
		19.46 4/27/93
County Highway 12 inundated at Warsaw, damage begins to buildings in Warsaw @19.0		
	18	
Damage begins to low lying buildings @16.0 in rural areas	16	FLOOD STAGE 16.0'

ELEVATION ZERO: 477.83

MISSISSIPPI RIVER AT GREGORY LANDING, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: On the right bank in the downstream portion of Gregory Landing, Missouri, 40 feet riverward of the centerline of the levee, and at mile 352.9 upstream of the Ohio River.

NE 1/4, Sec. 12, Twp. 63N, Rng. 6W

Drainage Area = 133,600 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

The Lima Lake DD levee was raised 3' by sandbags before it failed on July 9. Approximately 40 residences and 14,000 acres of farmland within the district were damaged. Severe seepage and sand boils occurred prior to the failure.

The Hunt D&LD levee was raised by sandbags. When the Lima Lake DD levee failed water came into the Hunt D&LD causing damage to about 36 residences and 18,000 acres of farmland.

STAGE		Mississippi River Gregory Landing, IL GGYM7	
NARRATIVE	STAGE	HISTORICAL	
	28	28.49 7/09/93	
	26		
Overtop Hunt & Lima Lake levees nr 25.5	24		
	22	24.6 4/24/73	
	20	22.71 5/1/65	
	18	22.32 4/4/60	
	16	21.46 4/22/93	
	14	20.43 5/28/96	
	12	19.1 4/12/79	
	10	18.33 4/20/97	
	8	18.0 2/25/85	
Buildings in unprotected low areas damaged @ 16.0	6		
	4	FLOOD STAGE 15.0'	
	2		
	0		

ELEVATION ZERO: 472.71

MISSISSIPPI RIVER AT QUINCY, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Adams County, at Quincy water works, 0.8 mile upstream from Quincy Highway Bridge, and at mile 346.2 upstream of the Ohio River and three miles upstream from Dam No. 21.

NW 1/4, Sec. 15, Twp. 2S, Rng. 9W

Drainage Area = 135,000 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

The southern section of the sandbagged Indian Grave DD levee failed on July 12 damaging about 8,000 acres of farmland. The northern section of the levee failed on July 13 damaging an additional 10,000 acres of farmland.

Access to West Quincy, Mo. was eliminated when the West Quincy levee failed on July 16.

Damage at Quincy was primarily to businesses and manufacturers located near the river.

STAGE

NARRATIVE	STAGE	HISTORICAL
	41	
	39	
	37	
Overtop South Quincy levee @ 35.0	35	
	33	
	31	32.13 7/13/93
Overtop Indian Grave levee @ 29.7	29	28.9 4/23/73
Low steel wet on CB&QRR bridge @ Quincy, 28.8		
Damage begins at Quincy STP @28.4		
Quincy begins sandbagging @28.0		
Water goes over lock gates @ Dam 21, 27.8		
Damage begins to Naval Reserve Training Center in Quincy @27.4		27.31 5/16/2001
	25	25.3 10/04/86
		24.2 4/29/95
County Hwy 7 in Quincy begins to flood @23.5 **		23.3 4/15/98
Old US Hwy 61 inundated 8.5 mi. north of Quincy @23.0	23	22.5 4/13/79
		22.1 6/22/90
		21.37 5/26/95
	19	19.1 2/27/85
Damage begins to unprotected buildings in low lying areas. Ste must pump @ 17.0	17	FLOOD STAGE 17.0
	15	

MISSISSIPPI RIVER AT HANNIBAL, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: In Marions County, Missouri at the Hannibal water works,
1000 feet downstream from the Wabash R.R. bridge, and at
mile 309.7 upstream of the Ohio River.

NE 1/4, Sec. 21, Twp. 56N, Rng. 4W

Drainage Area = 136,990 sq. mi.
137,200 sq. mi. - COE

* Data regarding flood stages are based upon a gage operated by the
Corps of Engineers, Rock Island District.

1993 FLOOD INFORMATION

The sandbagged Sny Island L&DD levee for cell no. 1 failed on
July 25 by piping. The levee had withstood higher stages
against it. Failure of the levee damaged nearly 44,000 acres of
farmland and caused the evacuation of and damage to the
communities of Fall Creek, Hull, and East Hannibal. The other
cells of the Sny Island L&DD were also raised by sandbagging
but withstood the long flood duration although severe seepage
and sand boils did occur.

STAGE

NARRATIVE	STAGE	HISTORICAL
	32	31.8 7/16/93
	30	
	28	28.59 4/25/73
Sny Island & South Quincy levees overtopped between RM 315 and 264 @27.8 South Quincy Levee is overtopped between RM 325 and 318 @27.5	26	26.91 5/16/2001
Sny Island Drainage District Levee Overtopped @26.2	24	
U.S. Rte. 36 to Hannibal, Mo. overtopped @ 25.0 but was raised by IDOT	22	24.85 10/04/86 24.59 5/01/65 24.3 5/30/96
	20	23.7 5/22/74 23.4 4/16/98 22.69 4/13/79
	18	21.9 5/26/95 20.8 4/22/97
Riverside Park oneast side (inside Sny Levee) floods @17.0	16	18.33 5/2/83
Damage begins to buildings in unprotected low areas @16.0	14	FLOOD STAGE 16.0'

ELEVATION ZERO: 449.43

MISSISSIPPI RIVER AT LOCK AND DAM #22 TAILWATER AT SAVERTON, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: In Ralls County, Missouri at Dam #22, 98 feet downstream from the centerline of the pintles for the lower miter gates of the main lock, and at mile 301.2 upstream of the Ohio River.

NE 1/4, Sec. 20, Twp. 56N, Rng. 3W

Drainage Area = 137,600 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

Lock opens at 21.4 ft.

STAGE

Mississippi River
Lock & Dam #22 TW SVRM7

NARRATIVE	STAGE	HISTORICAL
	32	
	30	29.46 7/25/93
	28	
Sny Island Cell #1 levee overtopped @ 27.0	26	26.8 4/25/73
	26	26.09 5/16/01
Water enters Dam House @ 25.0	24	24.10 10/05/86
	24	23.26 5/1/65
	24	22.76 6/10/47
	22	21.87 4/13/79
	22	21.0 5/26/95
	22	** 20.98 5/14/02
	20	
	18	18.1 5/2/83
	16	Flood Stage
	14	
Buildings in unprotected areas damaged @ 12.0	12	

ELEVATION ZERO: 446.10

MISSISSIPPI RIVER AT LOUISIANA, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: In Pike County, 0.8 mile upstream from Gulf, Mobile and Ohio Railroad Bridge, 1.2 miles downstream from Salt River, at Louisiana city water intake, and at mile 282.9 upstream of the Ohio River.

NW 1/4, Sec. 13, Twp. 7S, Rng. 6W

Drainage Area = 140,700 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.

1993 FLOOD INFORMATION

Sandbags were placed across U.S. Rte. 54 and the railroad on the Illinois side of the Mississippi River at Louisiana, Mo. to tie into the raised levee of Sny Island L&DD.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----30-----	
Boat house floods @29.5 --		
		-- 28.28 7/29/93
Low steel on GM&ORR bridge@Louisiana@28.0 --	-----28-----	
Sny Island Cell #2 levee overtopped @27.0 --		-- 27.05 4/24/73
	-----26-----	
At Sny & Rte 54, @ 24.7 --		** 24.43 5/16/2001
	-----24-----	
Sny will start mobilizing to close levee @ 23.5 --		
U.S. Rte. 54 to Louisiana, Mo. closed @23.0 --		
@24.0 NWS-St.Louis		-- 22.7 4/5/83
		-- 22.25 6/22/47
		-- 22.2 7/1/69
	-----22-----	-- 22.0 4/14/79
		-- 21.9 4/28/93
		-- 21.8 4/16/98
		-- 20.9 5/19/95
	-----20-----	-- 20.23 5/14/02
		-- 19.7 4/22/97
	-----18-----	
Parking Area at boathouse floods @ 17.0 --		
	-----16-----	
Damage begins to unprotected areas @15.0 --		-- FLOOD STAGE 15.0'
	-----14-----	
	+++++++	

ELEVATION ZERO: 437.33

MISSISSIPPI RIVER AT LOCK AND DAM #24 TAILWATER AT CLARKSVILLE, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: In Pike County Missouri, 8.6 miles downstream from the Gulf, Mobile and Ohio Railroad Bridge, 9.8 miles downstream from Louisiana Highway Bridge (Louisiana Gage), in lower end of lock guide wall, and at mile 273.2 above the Ohio River.

NW 1/4, Sec. 7, Twp. 8S, Rng. 4W

Drainage Area = 140,900 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.

1993 FLOOD INFORMATION

Thirty-six residences and 1 business in Hamburg were damaged.

STAGE

Mississippi River
Lock & Dam #24 TW CLKM7

NARRATIVE		HISTORICAL
	40	
Sny Island Cell #4 levee overtopped 38.1'	38	37.5 7/29/93
Sny Island Cell #3 levee overtopped 37.1'		36.8 4/24/73
	36	
		34.7 5/16/01
	34	
		33.7 10/5/86
IL Rt. 96 near Mozier inundated @33.2		
		32.7 5/30/96
		32.44 4/14/79
		32.2 4/25/93
	32	
		31.4 5/19/95
Water Str in Hamburg inundated @ 31.0		31.0 5/27/95
		30.7 5/14/02
		30.3 12/5/82
Left bank begins to flood @30.0	30	
		28.8 5/2/83
	28	
	26	
		FLOOD STAGE 25.0'
	24	
Damage begins in unprotected areas @23.5		
	22	
	20	

ELEVATION ZERO: 422.00

MISSISSIPPI RIVER AT LOCK AND DAM #25 TAILWATER AT WINFIELD, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: In Lincoln County, Missouri in the lower end of the lock guide wall and at mile 241.2 above the Ohio River.

NW 1/4, Sec. 19, Twp. 12S, Rng. 3W

Drainage Area = 142,000 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.

STAGE

NARRATIVE	STAGE	HISTORICAL
	40	39.48 8/1/93
	38	36.9 4/27/73
	36	34.7 5/18/01
	34	34.3 4/14/79
		33.9 4/7/83
		33.8 4/26/93
		33.7 5/20/95
		32.7 4/17/98
		32.6 12/6/82
		32.5 5/15/02
	32	31.9 5/5/83
	30	
Rte 96 @ Mozier Landing closes @ 29.0'		
	28	
Damage begins to cabins at various landings in the area. Inundation of low areas begins @ 26.2	26	FLOOD STAGE 26.0'

MISSISSIPPI RIVER AT GRAFTON, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Jersey County, 2.3 miles upstream from Chautaugua, Illinois, 3.8 miles upstream from Elsah, Illinois, 0.2 mile downstream from the mouth of the Illinois River, and 218.0 miles above the Ohio River.

NW 1/4, Sec. 15, Twp. 6N, Rng. 12W

Drainage Area = 171,300 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.

1993 FLOOD INFORMATION

One business was damaged at Elsah.

About 260 residences and 32 businesses were damaged at Grafton. The water and sewage treatment facilities were not lost but a boil order was in effect from late June to late August. The ferry across the Illinois River to Calhoun County was closed due to the high stages.

NARRATIVE	STAGE	HISTORICAL
	-----42-----	
	-----40-----	
	-----38-----	-- 38.01 8/1/93
	-----36-----	
	-----34-----	
Nutwood levee overtopped @ 33.5 Water treatment plant inundated @ 33.0'	-----32-----	-- 33.20 4/28/73
	-----30-----	-- 30.39 5/29/95
Rte 100 between Grafton and Alton inudated @ 29'	-----28-----	-- 29.7 10/9/86 -- 29.37 4/15/79
Damage begins in Elsay Chautauqua damaged. 1 ft on Rte 100 N of Grafton	-----26-----	-- 28.2 4/29/93, 28.1 5/16/02 -- 27.7 12/8/82 -- 27.55 5/5/85 -- 27.5 12/7/82 -- 26.7 6/2/96
Residential flooding in Grafton @ 26.4 Water distribution system begins inundation, emergency measures begin @ 26.0'	-----24-----	-- 25.8 4/18/98
City of Grafton closes Rte 100 @ 24.7' Rte. 100 inundated at Chautauqua & Elsay @ 24.0'	-----22-----	-- 25.19 5/19/01
Main Str.(Rte. 100) - inundated @ 23.8' Brussel Ferry closes - roadway inundated @ 23.6	-----20-----	
	-----18-----	-- FLOOD STAGE 18.0'
	-----16-----	
	-----14-----	

MISSISSIPPI RIVER AT MELVIN PRICE LOCK AND DAM 26 TAILWATER AT ALTON, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Madison County, 2 miles downstream of the U.S. Rte. 67 bridge at river mile 200.5 above the Ohio River.

SW 1/4, Sec. 19, Twp. 5N, Rng. 9W

Drainage Area = 171,500 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.

1993 FLOOD INFORMATION

About 80 businesses were damaged in Alton. Streets in the area were buckling and flooding due to seepage and local runoff. Several thousand tons of rock were laid over the roads to provide for continued traffic movement. The private company providing water to Alton was damaged which necessitated the hauling of potable water during the first part of August.

Lock opens at 21.4

STAGE

Mississippi River
Melvin Price Lock & Dam #26 WTAM7
TW (Alton, IL)

NARRATIVE	STAGE	HISTORICAL
Wood River D&LD levee overtopped @ 46.7'	44	
	42	42.3 8/1/93
	40	
US 67 floods from Wood River to Alton @39.0	38	
Low steel R.R. bridge swingspan in Alton @38.6	36	36.9 6/16/44 36.67 4/28/73
Damage begins to Miller Milling Co., Alton @37.6	34	34.82 5/29-30/95 34.4 5/24/43, 34.2 10/9/86 33.99 1951
Burlington Northern RR floods from West Alton to Alton @35.0	32	33.21 5/4/83 32.44 12/82 32.42 4/25/79 32.4 4/83
Urban damage begins in Alton @34.0	30	
Urban damages begin in Elsah @ 33.0	28	29.6 3/8/85 28.9 6/9/2001 28.1 4/18/98
Damage begins to commercial basements GM&O, IL Terminal R.R. station in Alton	26	26.7 3/1/97
Wood River levee(north)structure closed	24	
Wood River levee(south)structure closed	22	
Rte 100 @ Alton closes @ 29.9'	20	
Unprotected farm land inundated @20.8		FLOOD STAGE 21.0'

ELEVATION ZERO: 395.48

MISSISSIPPI RIVER AT ST. LOUIS, MISSOURI

USGS GAGE NUMBER: 07010000

LOCATION: On downstream side of west pier of Eads Bridge at St. Louis, Missouri, 15 miles downstream from Missouri River, 19.2 miles upstream from Meramec River, and at mile 180.0 above the Ohio River.

SW 1/4, Sec. 11, Twp. 2N, Rng. 10W

Drainage Area = 697,000 sq. mi.

1993 FLOOD INFORMATION

At the Fish Lake D&LD seepage and sand boils were controlled by sandbags. Some farmland adjacent to the levee was damaged due to the seepage.

At the Prairie DuPont D&LD seepage and local runoff caused the largest problems. The worst sand boil caused by the seepage was nearly 1,000 feet from the levee and required 15,000 sandbags to control. Two additional pumps were brought in to assist the pumping station in controlling the stages inside the district. About 12 residences and 1 business sustained damage within the district.

At Metro-East Levee and Sanitary District seepage and local runoff caused the largest problems. Hundreds of thousands of sandbags were used to strengthen the levee. Sand boils were covered with rock to control them. Fourteen pump station each with 5 to 6 pumps were running non-stop to control stages inside the district. Several local roads were closed when the flood gates were installed.

At the Chouteau Island D&LD the levee was raised with sandbags but was still overtopped and failed on July 8. About 40 residences on the island were damaged as a result of the levee break.

(Cont.)

STAGE

Mississippi River
St. Louis, MO EADM7

NARRATIVE	STAGE	HISTORICAL
Metro East & Fish Lake levees overtopped @54.0	54	
Prairie DuPont levee overtopped @52.4		
	50	49.58 8/1/93
Hartford Public Water supply threatened @ 49.0'		
Businesses in Wood River damaged @47.2		
Columbia levee overtopped		
Harrisonville levee overtopped @46.4	46	
Chouteau Island pump station threatened @ 44.1		
Power to Chouteau Island disconnected @ 44.1		
Harrison & Columbia Levees overtopped @44.1		43.23 4/28/73
	42	41.9 5/22/95
		41.32 6/27/1844
Chouteau Island Levee overtopped		40.28 7/21/51
		39.3 5/4/83
		39.14 4/30/44
	38	38.00 6/10/03
		37.91 12/8/82
		37.79 4/15/79
		37.34 5/17/02
		36.6 4/15/94
		35.35 6/2/96
		34.8 6/10/01
	34	
		32.5 5/25/74
Unprotected areas inundated @30.0	30	FLOOD STAGE 30.0'
	26	

ELEVATION ZERO: 379.94

Columbia D&LD the levee was raised with sandbags but was still overtopped and failed on August 1. After the district was filled the flank levee on Fountain Creek was overtopped and failed. About 80 individual residences, 450 farmsteads and 14,000 acres of farmland were damaged. Columbia sewage treatment plant was inundated. At the Harrisonville and Ivy Landing D&LD the flank levee on Fountain Creek opposite the failed portion of the Columbia D&LD was breached on August 2. The failure brought flows additionally into the Fort Chartres and Ivy Landing D&LD, the Moredock and Ivy Landing DD, and the Stringtown D&LD since there are no flank levees between the districts. About 42,400 acres on farmland within these districts were damaged. The communities protected by the districts, Valmeyer, Harrisonville, Maeys, Chalfin Bridge, Fountain, Fults and Kidd, were also damaged.

At the Wood River D&LD additional pumping was necessary to control seepage and local runoff.

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MISSISSIPPI RIVER AT CHESTER, ILLINOIS

USGS GAGE NUMBER: 07020500

LOCATION: In Randolph County, on downstream side of the left pier of main truss of highway bridge at Chester, 8.1 miles downstream from Kaskaskia River, and at mile 109.9 above Ohio River.

SW 1/4, Sec. 24, Twp. 7S, Rng. 7W

Drainage Area = 708,600 sq. mi.

1993 FLOOD INFORMATION

At the Harrisonville and Ivy Landing D&LD the flank levee on Fountain Creek opposite the failed portion of the Columbia D&LD was breached on August 2. The failure brought flows additionally into the Fort Chartres and Ivy Landing D&LD, the Moredock and Ivy Landing DD, and the Stringtown D&LD since there are no flank levees between the districts. About 42,400 acres on farmland within these districts were damaged. The communities protected by the districts, Valmeyer, Harrisonville, Maeys, Chalfin Bridge, Fountain, Fults and Kidd, were also damaged. Since these drainage districts were all going to be filled due to the breach at the upstream district a downstream section of the Stringtown D&LD was intentionally breached in an effort to prevent its flank levee on Prairie du Rocher Creek from being overtopped and breached and potentially causing damage to the next downstream district, the Prairie du Rocher and Modoc D&LD.

At the Prairie du Rocher and Modoc D&LD sandbags were used to raise the levee and control the 25 sand boils which developed in the district. About 8" of water was against the sand bags which were used to raise the levee. Rock was used to close the railroad crossing of the Prairie du Rocher Creek to the level of the levee. About 40 residences and 7 businesses received damage, primarily from seepage and storm sewer backup into basements.

(Cont.)

NARRATIVE	STAGE	HISTORICAL
	52	
Ft. Chartres & Ivy Landing levee overtopped		
Kaskaskia Island levee overtopped @ 49'-50'		
	50	49.74 8/7/93
Stringtown & Prairie DuRocher levees overtop @ 49.4		
Degognia & Fountain Bluff levee overtopped @ 49		
	48	
Mill on IL Route 3 floods		
	46	
Flooding at Baldwin water treatment plant @ 44.0'	44	44.03 5/23/95
		43.32 4/30/73
Damage at Menard Prison water plant @ 42.0'	42	
		41.02 12/9/82
Main Str. in Evansville inundated @ 40.8'		40.58 5/17/02
	40	
IL Rt. 3 south of Chester and IL Rte. 155 near		39.94 4/16/79; 39.8 6/30/1844
Prairie du Rocher floods @ 39.0		38.9 4/16/94
IL Rt. 3 at levee east of Cora inundated @ 38.4'		
Fonda St in Chester & IL Rte 3 in Rockwood plus	38	
additional Rockwood homes damaged @ 38.0		37.7 4/19-20/93
Damage begins to 4 homes and Administration		
Building at Menard State Prison		
Rte 3 @ Rockwood closes @ 36.5'	36	
Chester water intake house flooded @ 36.5'		
Prairie DuRocher pump station damaged &		35.3 6/11/01
road to Kaskaskia Lock inundated		35.0 4/19/98
	34	
		32.43 5/26/74
	32	
Union Pacific RR overtopped @ 31.6		
Basement damage begins in Rockwood @ 31.0		
	30	
Water Street in Chester inundated @ 30.6'		
Unleveed islands near Chester and the prison	28	
farm floods @ 28.0		
		FLOOD STAGE 27.0'
	26	
Degognia Fountain Bluff levee gates close @ 25.0		
	24	

ELEVATION ZERO: 341.05

At the Kaskaskia Island D&LD sand bags were used to control the sand boils, but the seepage became too great and the levee failed on July 22 which flooded the entire island, 15,000 acres.

At the Degognia & Fountain Bluff D&LD sandbags were used to raise the levee. About 1' of water was against these sand bags when the river crested. Sandbags were also used to control sand boils.

At Chester 1 residence and 1 business received damage during the flood. The M&I RR was overtopped. Access to 7 homes was cut off when the river overtopped Fonda St. Movement of prisoners began at the Menard Correctional Center when the road to the prison was overtopped.

At Rockwood 14 residences, 4 businesses, and 1 farmstead received damage. Ill. Rte. 3 was overtopped on July 7. A county road was raised with rock but was eventually overtopped on July 30.

At Evansville on the Kaskaskia River, high stages on the Mississippi River caused damage to several residences. Sandbags were place around the water treatment plant.

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MISSISSIPPI RIVER AT CAPE GIRARDEAU, MISSOURI

USGS GAGE NUMBER: NONE*

LOCATION: In Girardeau County, Missouri, 0.4 mile upstream from Illinois Route 146 bridge, just downstream from St. Louis-San Francisco Railway station at mile 52.1 above the Ohio River.

NW 1/4, Sec. 13, Twp. 14S, Rng. 4W

Drainage Area = 712,000 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, St. Louis District.

1993 FLOOD INFORMATION

At the Clear Creek D&LD sandbags were used to raise the levee and to control sand boils. The pump station was flooded on July 15. Seepage and interior flooding were major problems within the district. About 30 residences and 3 businesses were damaged.

At the Preston D&LD sandbags were used to raise the levee and to control sand boils. About 6" of water was against the sandbags when the river crested. Rock, up to 3' high, was also placed on the levees and at the Ill. Rte. 3 bridge over the Big Muddy River. Seepage and interior flooding were major problems within the district. About 60 residences and 1 business were damaged.

At the East Cape Girardeau D&LD and the North Alexander County DD seepage and interior flooding were major problems. A majority of the drainage from the Clear Creek, Miller Pond, and Preston D&LDs flows toward these two districts which have flap gated gravity outlets to Sexton Creek or the Mississippi River. The ponding of water in these two districts necessitated the raising of Ill. Rtes. 3 & 146 with rock to allow access to Cape Girardeau, Mo. Temporary pumps were installed to help reduce the ponding of the water.

At the Grand Tower D&LD sandbags were used to raise the levee. Water was against the sandbags about 10" when the river crested. All of the residences in Grand Tower and 1 business were damaged due to seepage and interior flooding.

Mississippi River
Cape Girardeau, MO

NARRATIVE	STAGE	HISTORICAL
	-----56-----	
	-----54-----	
Clear Cr & N Alexander levees overtopped @52.0	-----52-----	
	-----50-----	
East Cape Girardeau levee overtopped @49.6	-----48-----	-- 48.5 8/8/93
	-----46-----	-- 47.0 5/24/95 -- 46.9 8/3/93 -- 46.6 5/24/95
Grand Tower & Preston levees overtopped @47.6	-----44-----	-- 45.7 5/18/02 -- 45.5 5/1/73 -- 45.05 5/6/83
	-----42-----	-- 44.05 4/17/79 -- 43.6 12/10/82
IL Rt. 146 near McClure inundated @42.0	-----40-----	-- 42.2 4/14/83
	-----38-----	-- 40.6 4/20/93 -- 39.58 3/3/97
	-----36-----	-- 37.5 5/9/84 -- 36.9 5/26/74
Park & Ferry at Grand Tower damaged @35.7	-----34-----	
Thebes begins to flood @34.0	-----32-----	
Gale begins to flood @33.0	-----30-----	
	-----28-----	
	-----26-----	
	-----24-----	
	-----22-----	
	-----20-----	
	-----18-----	
	-----16-----	
	-----14-----	
	-----12-----	
	-----10-----	
	-----8-----	
	-----6-----	
	-----4-----	
	-----2-----	
	-----0-----	

ELEVATION ZERO: 304.65

NIPPERSINK CREEK NEAR SPRING GROVE, ILLINOIS

USGS GAGE NUMBER: 05548280

LOCATION: In McHenry County, on right bank at upstream side of bridge on Winn Road, 0.6 mile west of Spring Grove, and at mile 7.4.

NW 1/4, Sec. 25, Twp. 46N, Rng. 8E

Drainage Area = 192 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	+ + + + + + + + + +	
	-----18-----	
		-- 17.7 7/38
	-----16-----	
		-- 14.26 9/26/86
	-----14-----	
		-- 13.73 6/15/99
		-- 13.71 4/60, 6/14/00
		-- 13.66 2/21/94
Sandbagging efforts required at hatchery @ 13.0		
	-----12-----	
		-- 11.8 3/24/93
		-- 11.44 2/22/97
	-----10-----	
		FLOOD STAGE 8.3'
	-----08-----	
	-----06-----	
	-----04-----	
	+ + + + + + + + + +	

NORTH FORK VERMILION RIVER NEAR BISMARCK, ILLINOIS

USGS GAGE NUMBER: 03338780

LOCATION: In Vermilion County, at bridge on county road 2750 N, 1.8 miles west of Bismarck, 1.9 miles downstream from Painter Creek, 6.6 mile downstream from Middle Branch of North Fork Vermilion River, and at mile 17.7.

NE 1/4, Sec. 24, Twp. 21N, Rng. 12W

Drainage Area = 262 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----24-----	
		-- 22.45 4/12/94
	-----22-----	-- 21.97 3/11/90
	-----20-----	
		-- 18.54 12/30/90
		-- 18.06 5/16/90
	-----18-----	-- 17.93 1/5/93
	-----16-----	
10 families affected by flood waters @ 14.0 **	-----14-----	-- 14.23 5/11/96
		-- 13.20 5/27/89
		-- 13.15 5/25/95
	-----12-----	
	-----10-----	
	+++++++	

ELEVATION ZERO: 594.00

OHIO RIVER AT EVANSVILLE, INDIANA

USGS GAGE NUMBER: 03322000

LOCATION: In Vanderburge County, Indiana on the right bank at Riverside Drive and Court Street in Evansville, 0.6 mile upstream from Pigeon Creek, and at mile 792.3.

Drainage Area = 107,000 sq. mi.

OHIO RIVER AT J.T. MEYER DAM POOL NEAR UNIONTOWN, KENTUCKY

USGS GAGE NUMBER: 03322420

LOCATION: In Union County, Kentucky, 1200 feet upstream of the
Uniontown Dam, 2.1 miles upstream of the Wabash River, 3.3 miles
northwest of Uniontown, Kentucky, and at mile 845.8.

Drainage Area = 108,000 sq. mi.

STAGE

Ohio River
J.T. Meyer Dam Pool

NARRATIVE	STAGE	HISTORICAL
Top of flood protection Uniontown, Ky. @47.6	48	
	46	46.5 1937
		45.40 2/24/89
	44	
	42	
	40	
	38	
	36	
	34	
	32	
	30	
		28.8 5/26/95
	28	27.1 4/22/94
		27.03 2/6/90
	26	
	24	
	22	
	20	

ELEVATION ZERO: 330.05

OHIO RIVER AT SMITHLAND DAM POOL NEAR SMITHLAND, KENTUCKY

USGS GAGE NUMBER: 03399800

LOCATION: In Livingston County, Kentucky, 1800 feet upstream of the dam, 2.4 miles northwest of Smithland, Kentucky, and at mile 918.8.

SW 1/4, Sec. 34, Twp. 15S, Rng. 7E

Drainage Area = 144,000 sq. mi.

STAGE

ELEVATION ZERO: 311.94

OHIO RIVER AT PADUCAH, KENTUCKY

USGS GAGE NUMBER: 03611000

LOCATION: In McCracken County, Kentucky, 2.5 miles upstream from
Irvin Cobb Highway Bridge, 6.3 miles upstream from
Interstate 24 Bridge, and at mile 935.

SE 1/4, Sec. 30, Twp. 16S, Rng. 6E

Drainage Area = 202,800 sq. mi.

NARRATIVE		HISTORICAL
	+ ++++++ +	
	--70----	
	- - - - -	
Overtop levee at Brookport and Paducah @64.0 --	- - - - -	
	- - - - -	
Several towns in Illinois are flooded @60.0 --	-----60----	-- 60.6 2/2/37
	- - - - -	
	- - - - -	
	- - - - -	-- 54.3 2/23/1884 & 4/7/13
	- - - - -	-- 53.3 2/13/50
	- - - - -	-- 51.7 3/11/97
Flooding begins at Hamlettsburg, Ill. @50.0 --	-----50----	-- 51.4 4/3/75
1st gate closed in floodwall in Paducah Ky. @50 --	- - - - -	
Critical stage Metropolis @ 48.0' --	- - - - -	-- 48.1 5/14/84
	- - - - -	-- 47.2 5/26/83
	- - - - -	
	- - - - -	-- 45.7 4/26/94
	- - - - -	-- 44.9 5/28/95
	- - - - -	
	-----40----	
Bottom land flooded @39.0 --	- - - - -	-- FLOOD STAGE 39.0'
	- - - - -	
Cabins at Douglas Landing damaged @35.0 --	- - - - -	
	- - - - -	
	-----30----	
Start 1st pumping plant at Brookport @29.5 --	- - - - -	
	- - - - -	
	- - - - -	
	-----20----	
Close lowest gate at Brookport @18.0 --	- - - - -	
	- - - - -	
	- - - - -	
	-----10----	
	- - - - -	
	- - - - -	
	-----00----	
	+ ++++++ +	

ELEVATION ZERO: 286.26

OHIO RIVER AT LOCK AND DAM #52 TAILWATER AT BROOKPORT, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Massac County, 2.0 miles upstream from Interstate 24
Highway Bridge, 1.5 miles downstream from Irvin Cobb
Highway Bridge at river mile 939.

SE 1/4, Sec. 14, Twp. 16S, Rng. 5E

Drainage Area = 202,800 sq. mi.

* Data regarding flood stages are based upon a gage operated by the
Corps of Engineers, Louisville District.

STAGE

NARRATIVE	STAGE	HISTORICAL
	65	
		62.3 1937
	60	
	55	
		53.6 3/12/97
Damage begins in Hamlettsburg @52.0		51.6 1/8/90
		51.1 3/8/79
Damage begins in Joppa, evacuate 25 families in Metropolis @50.0	50	50.0 5/14/84
		49.6 5/28/95
		49.2 5/26/83
Metropolis damaged, evacuate 8 families @48.0		47.7 5/23/94
	45	
		FLOOD STAGE 44.0' - COE
	40	
		FLOOD STAGE 37.0'
	35	
Flooding begins @ Fort Massac State Park @32.0		
	30	

ELEVATION ZERO: 280.62

OHIO RIVER AT CAIRO, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Alexander County, near Fourth Street in Cairo, and at mile 2.0.

SE 1/4, Sec. 25, Twp. 17S, Rng. 1W

Drainage Area = 203,940 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Memphis District.

ELEVATION ZERO: 270.47

PECATONICA RIVER AT MARTINTOWN, WISCONSIN

USGS GAGE NUMBER: 05434500

LOCATION: In Green County, Wisconsin, on right bank about 400 ft. downstream from highway bridge in Martintown, 0.3 mile upstream from Wisconsin-Illinois State line, and 8.8 miles downstream from Skinner Creek.

SE 1/4, Sec. 32, Twp. 1N, Rng. 6E

Drainage Area = 1034 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	23	
		21.46 7/1/69
	21	
Evacuate in Winslow @ 20.6		20.57 3/24/75
Winslow water supply building threatened @ 20.2'		20.98 7/1/90
5700 acres inundated		
	19	
		18.79 2/25/85
Main Street in Winslow begins to flood @ 17.4		
	17	
		16.13 7/20/96
		15.86 3/23/79
	15	
		FLOOD STAGE 13.5', changed April 200
	13	
Rural damage begins @ 11.0	11	
	09	

ELEVATION ZERO: 757.83

PECATONICA RIVER AT FREEPORT, ILLINOIS

USGS GAGE NUMBER: 05435500

LOCATION: In Stephenson County, on right bank on property of Commonwealth Edison Company in Freeport, 0.3 mile upstream from Stephenson Street Bridge, 5 miles upstream from Yellow Creek, and at mile 61.9.

SE 1/4, Sec. 30, Twp. 27N, Rng. 8E

Drainage Area = 1326 sq. mi.

STAGE

Pecatonia River
Freeport, IL FEEI2

NARRATIVE	STAGE	HISTORICAL
	-----22-----	
Water at Rte 26 bridge deck in Freeport --		
Water at Stephenson bridge deck in Freeport --	-----20-----	19.76 3/16/29
Water reaches depot near Stephenson St Bridge --		18.82 2/25/22
		18.36 4/06/23
	-----18-----	
		17.16 7/3/69
25,000 acres flooded. Water reaches parking lots --		17.13 3/25/75
near Stephenson St. Bridge @17.0		
Encroachment at Taylor park Public School. Hwy 75 --		16.61 7/11/93
		16.40 2/22/97
		16.24 7/4/90
Water covers Taylor Park. Industries sandbag. --	-----16-----	
Encroachment on Stephenson St bridge businesses		
Encroachment at Taylor Park. First floor flooding --		15.64 2/27/85
IL Rt. 75 at Freeport and U.S. Rt. 20 east of --		14.56 7/19/96
Freeport inundated. Streets and backyards @15.0		14.41 12/31/72
CM St. P&P Railroad inundated at Freeport, ICRR --	-----14-----	14.06 3/25/79
inundated near Ridott.		
Urban damage begins in Freeport. Sewers --		FLOOD STAGE 13.0'
	-----12-----	
Minor flooding --		
Agricultural damage begins --		
Rural damage begins --		
	-----10-----	
	-----08-----	
	+++++++	

ELEVATION ZERO: 743.18

PECATONICA RIVER AT SHIRLAND, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Winnebago County, near left bank on downstream side of highway bridge over confluence of Sugar Creek, 0.5 mile south of Shirland, and at mile 7.5.

SW 1/4, Sec. 11, Twp. 28N, Rng. 11E

Drainage Area = 2,540 sq. mi.

National * Data regarding flood stages are based upon a operated by the
Weather Service.

STAGE

NARRATIVE	+ + + + + + + +	HISTORICAL
	-----19-----	-- 19.0 3/16/29
Damage begins in Shirland @18.0	-----18-----	-- 18.08 3/25/75
	-----17-----	
Shirland-Harrison road inundated @15.7	-----16-----	-- 15.7 5/11/73
	-----15-----	-- 15.0 3/25/79 -- 14.9 2/28/85
	-----14-----	
Rural damage begins @12.0	-----13----- -----12-----	-- FLOOD STAGE 12.0'
	+ + + + + + + +	

ELEVATION ZERO: 711.79

ROCK RIVER AT ROCKTON, ILLINOIS

USGS GAGE NUMBER: 05437500

LOCATION: In Rockton, Winnebago County, on right bank, 750 feet downstream from State Highway 75, 1.0 mile downstream from Pecatonica River, and at mile 156.1.

NE 1/4, Sec. 24, Twp. 46N, Rng. 1E

Drainage Area = 6363 sq. mi.

STAGE

Rock River
Rockton, IL ROKI2

NARRATIVE	STAGE	HISTORICAL
	16	
		15.54 3/25/75
	15	
		14.6 2/37 (ice jam)
		14.08 4/4/59
Praire Hill Road closed @ 14.0'	14	
Old River Road inundated west of Roscoe Bridge		13.4 4/22/73
Damage begins to residences in Roscoe @ 13.0	13	
		12.63 6/14/00
Mensney Park, Shore Dr, 12 families affected @ 12.6		
Damage begins to residences in Roscoe	12	
		11.79 2/24/97
Damage begins to residences in Riverdale Drive Area @ 11.5		11.49 7/20/96
	11	
		10.37 2/21/94
Rural damage begins	10	FLOOD STAGE 10.0'
Backyard flooding begins in Machensney Park @ 8.5	09	

ELEVATION ZERO: 707.94

ROCK RIVER AT BYRON, ILLINOIS

USGS GAGE NUMBER: 05440700

LOCATION: Ogle County, Hydraulic Unit 7090005 at bridge on State Highway 72, 0.3 mi south of Byron, 1.2 mi upstream from Mill Creek, .1.3 mi downstream from Stillman Creek, and at mile 120.3. Lat 42 07'23", long 89 15'21"

NW 1/4, Sec. 32, T. 25N, R. 11E

Drainage Area = 7,990 sq. mi.

STAGE

Rock River
Byron, IL BYRI2

NARRATIVE	STAGE	HISTORICAL
	18	
Water inundates Kishwaukee Rd near River @ 17.0	17	
	16	16.12 6/14/2000
Park areas near bridge in Byron flooded @ 15.0	15	
	14	
Water approaches houses along river @ 13.0	13	FLOOD STAGE 13.0'
Some yards of homes near river inundated @ 12.0	12	
Lowest areas along river affected @ 11.5		
	11	

ELEVATION ZERO: 666.1 ft.

ROCK RIVER AT DIXON, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Lee County, on left bank in forebay of Commonwealth Edison power station, upstream of Illinois Route 26 bridge, and at mile 87.3.

SE 1/4, Sec. 32, Twp. 22N, Rng. 9E

Drainage Area = 8614 sq. mi.

* Data regarding flood stages are based upon a gage operated by the IDNR/Office of Water Resources at this station.

STAGE

NARRATIVE	STAGE	HISTORICAL
	+ + + + + + + + ---15---	-- Estimated 1973
	---14---	
	---13---	-- 12.9 7/2/96 -- 12.7 5/30/96 -- 12.34 6/5/00
Water in basement of Dixon High School @ 12.0	---12---	-- FLOOD STAGE 12.0' -- 11.81 6/5/02 -- 11.6 3/21/79; 3/24/93
	---11---	-- 10.7 7/4/78 -- 10.6 3/26/75
	---10---	
Water inundates portions of Page Park, mobile home park approx. 5 miles downstream, and Chamber of Commerce parking lot in Dixon, damage begins to residences in Woodland Shores subdivision @ 9.0	---09---	
	---08--- + + + + + + + +	

ELEVATION ZERO: 640.39

ROCK RIVER AT COMO, ILLINOIS

USGS GAGE NUMBER: 05443500

LOCATION: In Whiteside County, on left bank, 1 mile upstream from Como, 3 miles downstream from Rock Falls, 3.5 miles upstream from Elkhorn Creek, and at mile 69.2.

NE 1/4, Sec. 25, Twp. 21N, Rng. 6E

Drainage Area = 8753 sq. mi.

STAGE

Rock River
Como, IL CMO12

NARRATIVE	STAGE	HISTORICAL
	-----22----- + + + + + + + + + +	
	-----20-----	
	-----18-----	
		-- 17.51 2/7/38 (backwater from ice)
	-----16-----	
		-- 15.66 4/21/73
		-- 15.24 3/5/85
	-----14-----	
		-- 13.69 6/5/02
		-- 13.58 5/29/96
		-- 13.3 2/22/97
		-- 12.72 3/25/93
	-----12-----	
	-----10-----	-- FLOOD STAGE 10.0'
	-----08-----	
	+ + + + + + + + + +	

ELEVATION ZERO: 606.83

ROCK RIVER NEAR JOSLIN, ILLINOIS

USGS GAGE NUMBER: 05446500

LOCATION: In Rock Island County, on right bank at downstream side of bridge on State Highway 92, 1.8 miles east of Joslin, 14.5 miles downstream from Rock Creek, and at mile 26.9.

NE 1/4, Sec. 18, Twp. 18N, Rng. 3E

Drainage Area = 9549 sq. mi.

1993 FLOOD INFORMATION

Landuit's Lake Resort received damage to the rest room facilities and to 1 home and 2 mobile homes. Campers were moved to high ground.

STAGE

Rock River
Joslin, IL JOSI2

NARRATIVE	STAGE	HISTORICAL
Erie homes, RR tracks east of town affected @20.0	19	19.19 6/7/02
Barstow Rd between town & Hwy 5 covered @19.2		
Joslin levee top. Hillsdale: Docia St homes & south country road. Osborn: most houses affected. 19.0		18.88 2/23/97
Hillsdale: water on road south of town @18.6		18.73 5/31/96
Erie: Low Moline Rd East and River Rd covered		
Osborn: Osborn Rd has water		18.55 6/16/00
Osborn: Water on RR tracks near town		
Barstow levee top. Erie homes. Hillsdale Docia St and south County Rd. Shady Beach: few homes	18	18.02 2/27/01 (ice jam)
Osborn levee overtops, evacuations @ 17.9		18.01 2/22/94
BNRR south of Prophetstown overtopped @17.7		17.81 3/22/79
Cleveland: Broadway @ Jackson covered. Joslin levee		17.74 4/23/73
Barstow threatened @ 17.5		17.69 2/23/71 (backwater)
Joslin: trailers moved to campground	17	17.18 5/18/74
Cleveland: homes affected, Broadway & Jackson		16.64 3/3/85
Damage begins to Hillsdale water supply		
Main Street in Hillsdale inundated. Barstow & Cleveland threatened Osborn: homes affected @16.0	16	16.0 7/6/78
Barstow Rd E of Osborn under I-88 inundated 15.5		15.37 7/1/90
Thompson addition residences affected. Hillsdale begins sandbag efforts	15	
Residential damage in Thompson Addition @14.8		14.46 3/22/48
IL Rte2 flooded. Outlying areas & basements @14.0	14	
Water on Barstow Rd between Barstow and Osborn		13.76 3/13/86
Extensive lowland flooding in southern Whiteside Co. Lundeens Landing Campground @13.0	13	
Summer cottages along river damaged @12.5		
Rural damage begins	12	FLOOD STAGE 12.0'

ELEVATION ZERO: 564.06

ROCK RIVER AT MOLINE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Rock Island County, 400 feet downstream from U.S.
Highway 150 Bridge, 0.3 mile downstream from Interstate 74
Bridge.

SW 1/4, Sec. 16, Twp. 17N, Rng. 1W

Drainage Area = 10,819 sq. mi.
10,751 sq. mi - COE

* Data regarding flood stages are based upon a gage operated by the
Corps of Engineers, Rock Island District.

STAGE

Rock River
Moline, IL MLII2

NARRATIVE	STAGE	HISTORICAL
Sears Dam underwater @ 17.5	-----17-----	
		-- 16.4 6/27/1892
		-- 16.15 4/26/73
	-----16-----	
		-- 15.7 5/21/74
Intersection of US Rt. 150 & US Rt. 6 flood @ 15.5		-- 15.67 6/7/02
Steel Dam underwater @ 15.5		-- 15.31 2/24/97
120 trailers inundated @ 15.2. Vandruff Isle streets		-- 15.1 2/24/71
Water @ 52nd Ave parking lots. S & N Shore Dr homes	-----15-----	-- 15.0 4/3/79
		-- 14.71 2/23/94
		-- 14.5 3/26/93
120 trailers surrounded @ 14.2'		-- 14.1 12/16/86
S & N Shore Dr W of 27th St Bridge. S Shore home access E of I-74 bridge restricted. John Deere Rd Water on 49th Ave @ 13.8	-----14-----	
Water on 60th S of St Johns Rd into Green Valley Park. Canal Road on Big Island		
Trailer Park @ I-74 & John Deere Drive access starts to become restricted. Smiths Island @ 13.2'		
7th St. in Coal Valley inundated, Vandruff's Island flooded. Homes E of I-74 cut off @ 13.0	-----13-----	
Damage begins to residences in Friendship Farm area		
Damage begins to residences in vicinity of U.S. Rt. 150 bridge @ 12.0	-----12-----	FLOOD STAGE 12.0'
Rural damage begins	-----11-----	
	-----10-----	

ELEVATION ZERO: 551.34

SALT CREEK AT ROLLING MEADOWS, ILLINOIS

USGS GAGE NUMBER: 05530990

LOCATION: In Cook County, on left bank at upstream side of bridge on Algonquin Road in Rolling Meadows, 0.25 mile downstream from Arlington Heights Branch of Salt Creek, and at mile 35.6.

NW 1/4, Sec. 8, Twp. 41N, Rng. 11E

Drainage Area = 30.5 sq. mi.

STAGE

Salt Creek
Rolling Meadows, IL ROL12

NARRATIVE	STAGE	HISTORICAL
	15	
	14	14.03 8/14/87
	13	
	12	12.56 12/3/82 12.28 8/14/87
	11	
	10	11.54 8/4/89 10.09 2/21/97
Damage begins to apartments just downstream of Algonquin Rd. and to residences between Central and Algonquin Roads @10.0	09	
Damage begins to Central Road School at Central Road and East Frontage Road @8.5	08	FLOOD STAGE 8.5'

ELEVATION ZERO: 686.40

SALT CREEK AT ELMHURST, ILLINOIS

USGS GAGE NUMBER: 05531300

LOCATION: In Du Page County, on left bank at downstream side of bridge on State Highway 83 in Elmhurst and at mile 20.3.

NE 1/4, Sec. 10, Twp. 39N, Rng. 11E

Drainage Area = 91.2 sq. mi.

STAGE

NARRATIVE	+ + + + + + + + + +	HISTORICAL
	-----17-----	
	-----16-----	
	-----15-----	
	-----14-----	
		-- 13.56 8/6/89
		-- 13.37 8/21/90
	-----13-----	
		-- 12.8 4/28/95
	-----12-----	
		-- 12.10 5/29/96
	-----11-----	
	-----10-----	
	+ + + + + + + + + +	

ELEVATION ZERO: 655.00

SALT CREEK AT WESTERN SPRINGS, ILLINOIS

USGS GAGE NUMBER: 05531500

LOCATION: In Cook County, on left bank at upstream side of bridge on Wolf Road, in Cook County Forest Preserve, 0.5 mile north of Western Springs, and at mile 8.8.

SE 1/4, Sec. 31, Twp. 39N, Rng. 12E

Drainage Area = 115 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	11	
		10.54 8/17/87
	10	
		9.54 2/21/97
	09	
		8.94 5/10/90
		8.29 11/28/90
	08	
		8.11 5/28-29/96
	07	
	06	
	05	
	04	

ELEVATION ZERO: 624.93

SALT CREEK AT BROOKFIELD, ILLINOIS

USGS GAGE NUMBER: 05532300

LOCATION: In Cook County, on left bank at upstream side of bridge on Maple Avenue in Brookfield, 300 feet downstream from Addison Creek, 1.0 mile upstream from diversion to the Des Plaines River, and at mile 3.5.

NE 1/4, Sec. 27, Twp. 39N, Rng. 12E

Drainage Area = 146 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	13	
		12.2 8/15/87
	12	
	11	
		10.19 5/10/90
Damage begins to buildings just north of Ogden Ave. east of Wolf Rd. @ 10.0	10	
	09	
Buildings isolated just north of Ogden Ave. east of Wolf Rd. @ 8.8		8.61 7/17/69
	08	
		7.89 4/19/75
	07	
	06	

SALT CREEK NEAR GREENVIEW, ILLINOIS

USGS GAGE NUMBER: 05582000

LOCATION: In Mason County, near center of span on downstream side of bridge on State Highway 29, 3.3 miles downstream from Pike Creek, 3.5 miles north of Greenview, and at mile 4.9.

NE 1/4, Sec. 2, Twp. 19N, Rng. 6W

Drainage Area = 1804 sq. mi.

STAGE

NARRATIVE	+ + + + + + + + + +	HISTORICAL
	---24---	
	---22---	
		-- 20.50 5/19/43
	---20---	-- 20.21 12/4/82
		-- 19.81 6/24/74
		-- 18.90 4/13/79
	---18---	-- 18.00 11/24/85
		-- 17.28 5/19/95
		-- 16.51 4/15/94
		-- 16.25 5/19/68
Widespread agricultural flooding occurs @ 16.0	---16---	-- FLOOD STAGE 16.0' - COE
		-- 15.96 5/14/02
	---14---	
Both banks overtop flooding adjacent fields @ 13.0		
	---12---	
	---10---	
	+ + + + + + + + + +	

ELEVATION ZERO: 479.00

SANGAMON RIVER AT MONTICELLO, ILLINOIS

USGS GAGE NUMBER: 05572000

LOCATION: In Piatt County, on right downstream side of highway bridge,
0.5 mile west of Monticello, and at mile 162.2.

SW 1/4, Sec. 12, Twp. 18N, Rng. 5E

Drainage Area = 550 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
Floodwater start entering town of Monticello --	+ + + + + + + + ----20----	
	----19----	-- 19.06 4/13/94
		-- 18.55 5/16/68
		-- 18.50 10/4/26
	----18----	
		-- 17.71 12/31/90
		-- 17.67 5/18/43
		-- 17.31 11/21/86
		-- 17.27 3/6/79
	----17----	
	----16----	-- 16.06 5/17/95
		-- 15.98 2/25/85
		-- 15.75 5/14/02
	----15----	
	----14----	
	----13----	-- FLOOD STAGE 13.0'
Rural damage begins including damage from backwater to livestock areas on tributaries @ 13.0	+ + + + + + + +	

SANGAMON RIVER AT ROUTE 48 AT DECATUR, ILLINOIS

USGS GAGE NUMBER: 05573540

LOCATION: In Macon County, on right upstream side of bridge on State Highway 48 in Decatur, 1.2 miles downstream of Lake Decatur dam, 2.5 miles upstream from Stevens Creek and at mile 129.0.

NE 1/4, Sec. 21, Twp. 16N, Rng. 2E

Drainage Area = 938 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	-----25-----	
		-- 24.6 3/7/79 est.
		-- 24.3 5/12/02
	-----24-----	
	-----23-----	-- 23.04 5/2/83
		-- 22.61 11/19/85
	-----22-----	
	-----21-----	-- 21.12 4/15/94
	-----20-----	
House damage begins approx. 1 mile below the dam, road to Decatur waterworks inundated @ 19.5		-- 19.45 5/19/95
		-- 19.36 5/8/96
	-----19-----	
	-----18-----	
	+++++++	

ELEVATION ZERO: 583.43

SANGAMON RIVER AT RIVERTON, ILLINOIS

USGS GAGE NUMBER: 05576500

LOCATION: In Sangamon County, at right abutment on old U.S. Highway 36 bridge in Riverton, 2.2 miles downstream from Sugar Creek, 5.6 mile upstream from Fancy Creek, and at mile 83.1.

NE 1/4, Sec. 16, Twp. 16N, Rng. 4W

Drainage Area = 2618 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	---32---	-- 32.04 10/4727
		-- 31.52 5/19/43
	---30---	
		-- 29.7 5/14/02
Rte 54 E of bridge overtopped 29.5 --		
Damage begins to residences at --		
Holiday Estates subdivisions in Spaulding @29.0		
		-- 28.28 4/13/94
III. Rte. 29 north of Springfield overtopped. Start --	---28---	
sandbagging in Holiday Estates @28.0		
Damage begins to power plant at --		
sewage treatment plant in Riverton @27.0		-- 26.78 4/12/79
West approach road to gage inundated --		
	---26---	
		-- 25.65 5/10/96
Fleck levee @ Rte 54 overtops @ 23.7 --		
	---24---	-- 24.00 2/22/82
		-- 23.95 5/20/90
		-- 23.74 12/31/90
		-- 23.49 5/8/77
		-- 22.74 5/21/95
	---22---	
		-- 21.99 9/25/93
		-- 21.41 1/6/93
	---20---	
Damage begins to residences just north of --		
Norfolk & Western RR bridge at Riverton		
Large areas of farmland inundated @19.0		
Agricultural lands inundated near river --	---18---	-- FLOOD STAGE 18.0'
	+ + + + + + +	

SANGAMON RIVER AT PETERSBURG, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Menard County. A wire weight gage mounted on the downstream side of Highway 123 bridge. 2.5 mile upstream from the mouth of Indian Creek and 0.4 miles downstream of the Petersburg Dam and at mile 45.9.

NW 1/4, Sec. 13, Twp. 18N, Rng. 7W

Drainage Area = 3063 sq. mi.

* Data regarding flood stages are based upon a gage operated by the National Weather Service.

STAGE

NARRATIVE	STAGE	HISTORICAL
Large part of Petersburg flooded @33.90	32	33.90 1943
		30.75 5/14/02
	30	
		29.8 4/15/94
Rte 123 closed. Water on RR tracks @ 4th St . Water treatment plant surrounded by water @29.0		
	28	
		27.45 5/11/96
	26	
Homes on East side of Petersburg flooded @25.0		
	24	
		23.04 6/23/90
Large areas of farmland flooded @23.0		FLOOD STAGE 23.0'
	22	
Park & recreational land inundated near river in Petersburg		
	20	
Bankfull stage. Minor flooding in parks & farmland	18	

ELEVATION ZERO: 473.00

SANGAMON RIVER NEAR OAKFORD, ILLINOIS

USGS GAGE NUMBER: 05583000

LOCATION: In Mason County, on right bank at downstream side of bridge on State Highway 97, 300 ft. upstream from Chicago and Illinois Midland Railway Bridge, 1.8 miles northwest of Oakford, and at mile 25.7.

SE 1/4, Sec. 3, Twp. 19N, Rng. 8W

Drainage Area = 5093 sq. mi.

NARRATIVE		HISTORICAL
	25	25.63 5/20/43
	24	24.02 4/15/79
Over Mason, Menard Special, Oakford levees @ 24.0		23.66 5/15/02 Levee break @ Chandlen
Overtop Bell levee B @ Chandlerville		23.56 12/5/82
	23	23.21 4/15/94
	22	22.56 4/15/79
	21	21.76 6/25/74
At 473.5 Chandlerville starts sandbagging		20.68 5/20/95
Residential damage in Chandlerville @ 20.0	20	
	19	19.26 5/8/91
	18	FLOOD STAGE 18.1'
Damage begins to unprotected rural areas		

ELEVATION ZERO: 452.88

SANGAMON RIVER NEAR CHANDLERVILLE, ILLINOIS

USGS GAGE NUMBER: NONE*

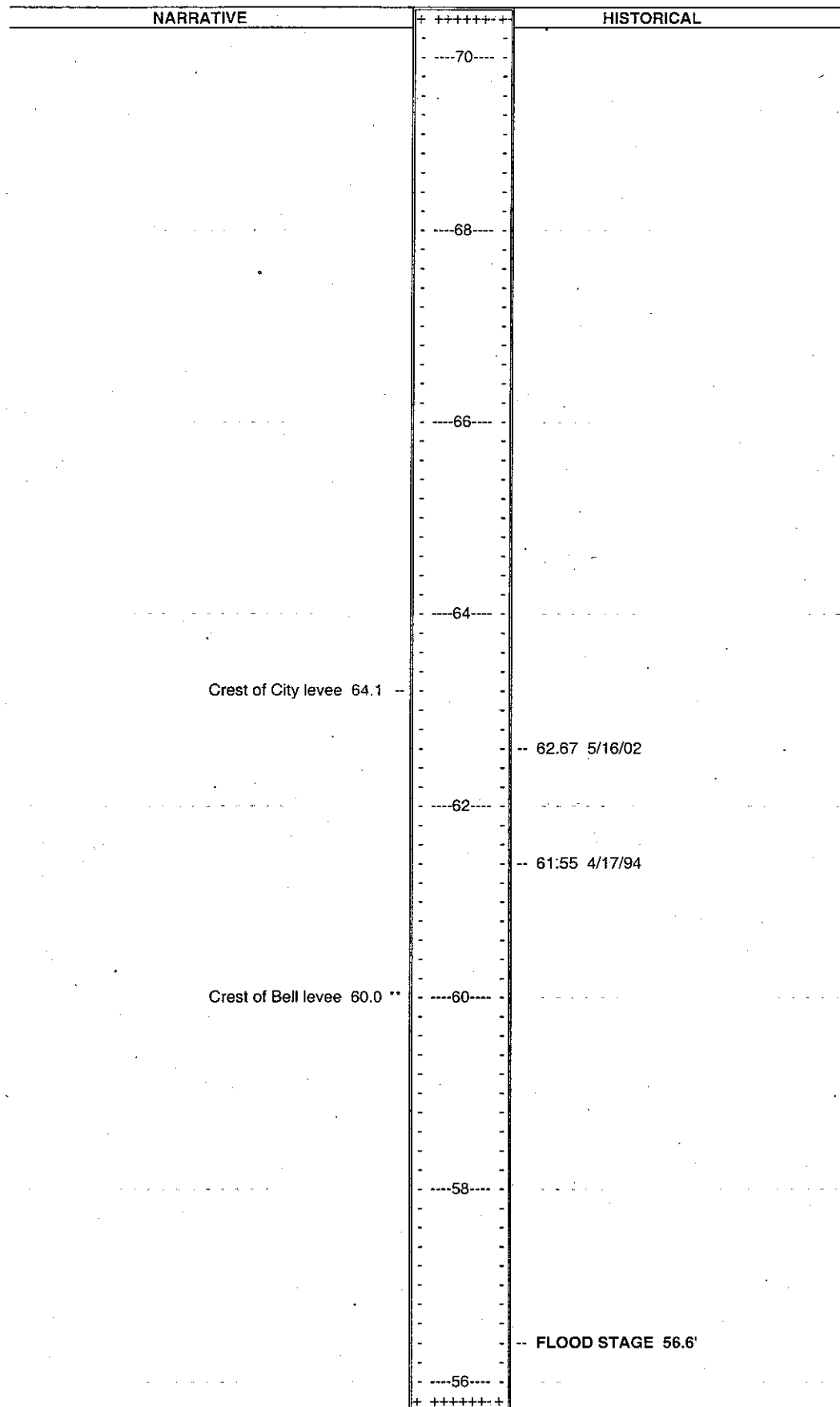
LOCATION: In Cass County, 1 mile north of Chandlerville on Highway 78 Bridge; located in NE corner of bridge at the wingwall intersection; located on the right descending bank at river mile 14.8.

SW 1/4, Sec. 30, Twp. 19N, Rng. 9W

Drainage Area = 5208 sq. mi.

* Data regarding flood stages are based upon a gage operated by the Corps of Engineers, Rock Island District.

STAGE



ELEVATION ZERO: 400.00

SHOAL CREEK NEAR BREESE, ILLINOIS

USGS GAGE NUMBER: 05594000

LOCATION: In Clinton County, on right bank at upstream side of bridge on U.S. Highway 50, 0.4 mile upstream from Baltimore and Ohio Railroad, 1.7 miles east of Breese, 7 miles upstream from Beaver Creek, and at mile 21.3.

SW 1/4, Sec. 13, Twp. 2N, Rng 4W.

Drainage Area = 735 sq. mi.

STAGE

ELEVATION ZERO: 413.97

SKILLET FORK AT WAYNE CITY, ILLINOIS

USGS GAGE NUMBER: 03380500

LOCATION: In Wayne County, on right bank 0.1 mile downstream from Shoe Creek, 0.5 mile downstream from bridge on State Highway 15, 0.9 mile upstream from Southern Railway bridge, 1 mile north of Wayne City, and at mile 42.4.

SW 1/4, Sec. 7, Twp. 2S, Rng. 6E

Drainage Area = 464 sq. mi.

NARRATIVE	STAGE	HISTORICAL
	+ + + + + + + + ---27---	
		-- 26.68 5/8/61
		-- 25.80 5/19/61
		-- 25.75 5/15/90
	---25---	
		-- 24.60 11/20/85
		-- 23.71 5/19/95
		-- 23.49 11/15/93
	---23---	
		-- 22.12 4/29/96
		-- 21.15 1/23/99
	---21---	
		-- 20.48 3/29/77
	---19---	
		-- 18.42 1/1/91
	---17---	
Damage begins to residences in area south and	---15---	-- FLOOD STAGE 15.0'
east of Wayne City, various township		
roads inundated @ 15.0		
	---13---	
+ + + + + + + +	+ + + + + + + +	

ELEVATION ZERO: 383.15

SOUTH BRANCH KISHWAUKEE RIVER AT DEKALB, ILLINOIS

USGS GAGE NUMBER: 0553900

LOCATION: In Dekalb County, on left bank 100 feet downstream from
bridge on State Highway 38, and at mile 37.8.

NE 1/4, Sec. 22, Twp. 40N, Rng. 4E

Drainage Area = 77.7 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	16	
	15	
	14	
Levee overtopped north of Hillcrest Str. @13.5	13	
		12.97 7/18/96
		12.80 7/02/83
Flooding affect some structures @ Northern IL University @12.5		12.64 2/21/97
Lions Park and Riverheights golf course Some homes in northern Dekalb affected @12.0	12	
	11	
Minor street flooding in northern DeKalb		FLOOD STAGE 11.0'
		10.97 8/27/87
	10	
	09	

ELEVATION ZERO: 831.88

SOUTH FORK SANGAMON RIVER AT KINCAID, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Christian County, at bridge on State Highway 104, 1 mile southeast of Kincaid, 5.0 miles upstream from Panther Creek, 5.6 miles upstream from Bear Creek, and at mile 37.8.

NE 1/4, Sec. 14, Twp. 13N, Rng. 3W

Drainage Area = 562 sq. mi.

* Data regarding flood stages are based upon a operated by the
National Weather Service

STAGE

NARRATIVE	STAGE	HISTORICAL
	<div> <div>+++++</div> <div>30</div> </div>	30.02 6/29/57
Residential&water work damage @Kinkaid @29.0	<div> <div>----</div> <div>29</div> </div>	
	<div> <div>----</div> <div>28</div> </div>	
	<div> <div>----</div> <div>27</div> </div>	27.0 4/13/79
	<div> <div>----</div> <div>26</div> </div>	
	<div> <div>----</div> <div>25</div> </div>	
	<div> <div>----</div> <div>24</div> </div>	
Rural damage begins, various township roads inundated @22.0	<div> <div>----</div> <div>23</div> <div>+++++</div> </div>	FLOOD STAGE 23.0'

ELEVATION ZERO: 538.79

SOUTH FORK SANGAMON RIVER NEAR ROCHESTER, ILLINOIS

USGS GAGE NUMBER: 05576000

LOCATION: In Sangamon County, on right bank at City of Springfield dam, 100 ft. downstream from Horse Creek, 1.7 miles southwest of Rochester, and at mile 7.4.

NW 1/4, Sec. 20, Twp. 15N, Rng. 4W

Drainage Area = 867 sq. mi.

STAGE

[illegible]

SPOON RIVER AT LONDON MILLS, ILLINOIS

USGS GAGE NUMBER: 05569500

LOCATION: In Fulton County, on left bank at downstream side of bridge on State Highway 116, 0.2 mile downstream from Chicago and North Western Railroad bridge, 0.5 mile west of London Mills, 0.5 mile upstream from Cedar Creek, 4.0 miles downstream from Little Creek, and at mile 69.2.

NE 1/4, Sec. 4, Twp. 8N, Rng. 2E

Drainage Area = 1072 sq. mi.

1993 FLOOD INFORMATION

At London Mills several residences received damage, the water treatment plant was flooded, and a sewage lift station was flooded. Sand was dumped on Main Street to provide a temporary levee to control the rising water. Ill. Rte. 116 was overtopped. A levee south of Ill. Rte 116 failed.

At Ellisville 1 residence was damaged. At Seville the access road nearer the river was overtopped by about 3'.

STAGE

Spoon River
London Mills, IL LNMI2

NARRATIVE	STAGE	HISTORICAL
Damage begins to water treatment plant, sewage lift station, & residences in London Mills @ 28.5	28	28.03 6/23/74
		27.08 8/26/24
	26	25.92 7/25/93
		25.15 3/4/85
Ill. Rte. 116 inundated @ 24.0	24	24.2 5/28/96
		23.68 4/4/83
		23.50 5/13/02
		22.48 2/22/97
	22	21.9 5/29/95
Damage begins to Some residents in London Mills @ 23.0		21.00 2/10/01
	20	
		19.29 3/18/98
	18	
	16	
Minor agricultural land flooding		FLOOD STAGE 15.0'
Some county rds inundated @ 10.0. Co. Rd 11 3 mi DS of Dahinda, Co Rd 28 N of Williamsfield	14	

ELEVATION ZERO: 508.97

SPOON RIVER AT SEVILLE, ILLINOIS

USGS GAGE NUMBER: 05570000

LOCATION: In Fulton County, on right bank at downstream side of bridge on unimproved road, 100 feet upstream from Toledo, Peoria, and Western Railroad bridge, 0.1 mile northeast of Seville, 0.47 mile downstream from State Highway 95, 0.55 mile downstream from Shaw Creek, and at mile 38.7.

NW 1/4, Sec. 24, Twp. 6N, Rng. 1E

Drainage Area = 1636 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	34	
		-- 33.10 7/26/93
		-- 33.0 1883 (backwater from ice)
	32	
		-- 31.82 6/24/74
		-- 30.77 8/22/24
	30	
		-- 29.85 3/6/85
		-- 28.79 5/14/02
		-- 28.31 5/29/96
	28	
Damage begins to residences in Bernadette		-- 27.31 2/24/97
	26	
		-- 25.91 5/30/95
	24	
Easterly access road to Seville inundated		
	22	
Rural damage begins		-- FLOOD STAGE 22.0'
	20	

ELEVATION ZERO: 467.04

THORN CREEK AT THORNTON, ILLINOIS

USGS GAGE NUMBER: 05536275

LOCATION: In Cook County, on right bank at downstream side of bridge on Margaret Street in Thornton, 1.0 mile downstream from North Creek, and at mile 4.2.

NW1/4, Sec. 34, Twp. 36N, Rng. 14E

Drainage Area = 104 sq. mi.

STAGE

Thorn Creek
Thornton, IL THN12

NARRATIVE	STAGE	HISTORICAL
	19	
	18	
	17	17.06 6/14/81 16.87 11/28/90
	16	16.24 7/18/96 16.00 7/13/57
	15	
Flooding of low areas near creek	14	14.34 4/5/47
	12	
	10	FLOOD STAGE 10.0'

ELEVATION ZERO: 586.43

VERMILION RIVER NEAR LEONORE, ILLINOIS

USGS GAGE NUMBER: 05555300

LOCATION: In La Salle County, on left downstream side of county highway bridge, 3 miles northeast of Leonore, 6.2 miles downstream from Otter Creek, 8 miles northwest of Streator, and at mile 17.2.

SW 1/4, Sec. 30, Twp. 32N, Rng. 3E

Drainage Area = 1251 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	<div> <div> <div>+</div><div>+</div><div>+</div><div>+</div><div>+</div><div>+</div><div>+</div> </div> <div> <div>----</div><div>28</div><div>----</div> </div> </div>	
		-- 27.13 12/4/82
	<div> <div>----</div><div>26</div><div>----</div> </div>	
	<div> <div>----</div><div>24</div><div>----</div> </div>	-- 23.17 11/28/90
		-- 22.50 2/21/97
	<div> <div>----</div><div>22</div><div>----</div> </div>	
		-- 21.02 5/29/96
		-- 20.92 5/25/95
	<div> <div>----</div><div>20</div><div>----</div> </div>	
	<div> <div>----</div><div>18</div><div>----</div> </div>	
	<div> <div>----</div><div>16</div><div>----</div> </div>	-- FLOOD STAGE 16.0'
	<div> <div>----</div><div>14</div><div>----</div> </div>	
	<div> <div>+</div><div>+</div><div>+</div><div>+</div><div>+</div><div>+</div><div>+</div> </div>	

ELEVATION ZERO: 520.58

VERMILION RIVER AT PONTIAC, ILLINOIS

USGS GAGE NUMBER: 05554500

LOCATION: In Livingston County, near center of span on downstream side of Vermilion Street Bridge in Pontiac, 0.1 mile upstream from Illinois Central Railroad bridge and State Highway 116, 0.8 mile upstream from Turtle Creek, 1.5 miles downstream from Norfolk & Western Railway bridge, and at mile 60.3.

SW 1/4, Sec. 22, Twp. 28N, Rng. 5E

Drainage Area = 579 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
	20	
	19	19.16 12/4/82
Residential flooding in Pontiac. Many farm levees damaged or overtopped. Widespread ag damage.	18	17.90 7/10/51
	17	
Water covers old U.S. Rt. 66 @ 16.5	16	16.27 3/5/79 16.21 1/5/93 16.07 2/24/85
Damage to low lying homes downstream of Gulf RR and upstream of Mill St. in Pontiac @ 16.0	15	15.71 5/29/96 15.62 12/30/90
Water covers old Rte 66. Road closed	14	
Low lying homes threatened US of Mill St, Pontiac	13	
Rural flooding begins	12	FLOOD STAGE 14.0'
	11	
	10	
	9	
	8	
	7	
	6	
	5	
	4	
	3	
	2	
	1	

VERMILION RIVER NEAR DANVILLE, ILLINOIS

USGS GAGE NUMBER: 03339000

LOCATION: In Vermilion County, on right bank at Danville sewage treatment plant, 1.7 miles upstream from Stony Creek, 2.2 miles southeast of Danville, and at mile 19.5.

NW 1/4, Sec. 22, Twp. 19N, Rng. 11W

Drainage Area = 1290 sq. mi.

STAGE

NARRATIVE	STAGE	HISTORICAL
Levee top at water treatment plant @ 36.70 --	---32---	-- 31.56 4/13/94
Danville Sanitary District berm overtopped @ 31.0' --	---	-- 28.59 3/13/39
Eugene, IN trailer park & a few homes in Cayuga, IN --	---28---	-- 27.09 5/19/43
Flooding DS in Eugene and Cayuga, IN --	---26---	-- 25.40 12/31/90 -- 25.11 3/12/90 -- 24.75 2/24/85
	---24---	-- 23.82 6/16/98
	---22---	-- 21.70 6/23/74
	---20---	-- 18.58 5/19/95
Some secondary roads unprotected by levees --	---18---	-- FLOOD STAGE 18.0'

ELEVATION ZERO: 503.33

WABASH RIVER AT HUTSONVILLE, ILLINOIS

USGS GAGE NUMBER: NONE*

LOCATION: In Crawford County on the right bank at the water intake of the Central Illinois Public Service Co., 2.5 miles north of Hutsonville, and at mile 174.3.

NW 1/4, Sec. 29, Twp. 8N, Rng. 11W

Drainage Area = 12,959 sq. mi.

* Data regarding flood stages are based upon a gage operated by the National Weather Service.

ELEVATION ZERO: 420.00

WABASH RIVER AT MOUNT CARMEL, ILLINOIS

USGS GAGE NUMBER: 03377500

LOCATION: In Wabash County, on right bank on downstream side of Southern Railway Bridge at Mount Carmel, 0.2 mile downstream from Patoka River, and at mile 94.4.

NW 1/4, Sec. 28, Twp. 1S, Rng. 12W

Drainage Area = 28,635 sq. mi.

STAGE

Wabash River
Mt. Carmel MCR12

NARRATIVE	STAGE	HISTORICAL
Overtop Mt. Carmel levee at 38 ft --	---38---	
	---36---	-- 36.0 3/30/13 est.
Overtop levee unit #5 at 35 ft --	---34---	
	--	33.4 5/25/43
	--	32.5 5/17/02
	---32---	
		-- 31.75 1/7/91
		-- 30.62 2/5-6/69; 5/12/96
		-- 30.43 5/23/90
Damage begins in west end of Mt. Carmel backwater effects in Browns @ 30.0	---30---	-- 30.37 11/22/93
		-- 29.20 5/10/83
		-- 29.12 1/29/99
Possible backwater effects to Lawrenceville @ 29.0 --	--	-- 29.06 3/11/79
	---28---	
		-- 27.44 5/24/95
		-- 27.09 3/7/97
		-- 26.38 5/14/61
	---26---	
Mt. Carmel installs flood gate A @ 25.5 --	--	
Mt. Carmel installs flood gate B @ 24.0 --	---24---	
Considerable flooding of lowland @ 23.0 --	--	
	---22---	
All oil field production ceases with the exception of units on substructures, access by boat only. Mt. Carmel installs flood gate C @ 20.0	---20---	
		-- FLOOD STAGE 19.0'
Pumping started at Mt. Carmel @ 18.4 --	--	
Rural damage, oil production stops @ 18.0 --	---18---	
	+ + + + +	

ELEVATION ZERO: 369.46

WABASH RIVER AT NEW HARMONY, INDIANA

USGS GAGE NUMBER: 03378500

LOCATION: In Posey County, Indiana at the bridge on State Road 66 at the Indiana-Illinois state line, at the west edge of New Harmony, Indiana.

SE 1/4, Sec. 36, Twp. 4S, Rng. 14W

Drainage Area = 29,234 sq. mi.

STAGE

Wabash River
New Harmony, Indiana NHR13

NARRATIVE	STAGE	HISTORICAL
	28	
		27.2 3/31/13
Many streets in New Harmony inundated @27.0		
	26	
		24.4 1/23/37
	24	23.8 5/26/43
		23.4 1/14/50
		22.2 5/90, 5/15/61
	22	21.6 01/08/91
		21.2 11/24/93
Overtop Wabash District #1 levee @21.0		20.9 5/07/96
	20	19.9 3/12/79
		19.31 5/26/95
All bottomland inundated @19.0		19.0 3/09/97
		18.96 3/9/97
60% of bottoms covered in area of Granny Tweedle levee @18.0	18	
	16	
Low ground inundated @15.0		FLOOD STAGE 15.0'
	14	

ELEVATION ZERO: 353.20

WEST BRANCH DUPAGE RIVER NEAR WEST CHICAGO, ILLINOIS

USGS GAGE NUMBER: 05539900

LOCATION: In DuPage County, on left bank at downstream side of bridge on State Highway 64, 2 mile northeast of West Chicago, and at mile 49.2.

NW 1/4, Sec. 35, Twp. 40N, Rng. 90E

Drainage Area = 28.5 sq. mi.

West Branch DuPage River
West Chicago, IL

STAGE

NARRATIVE	STAGE	HISTORICAL
	13	
	12	
	11	10.78 2/21/97 10.63 8/14/87 10.44 12/3/82 10.36 6/10/67 10.2 3/19/79
	10	9.95 8/26/72
		9.30 4/27/95
		9.09 4/19/75
Residential damage just N of Beecher St. in Winfield @9.0	09	8.81 11/11/96
	08	
Damage begins to residences just upstream of Warrenville Road @7.0	07	FLOOD STAGE 7.0'
	06	

ELEVATION ZERO: 717.76

WEST BRANCH DUPAGE RIVER NEAR WARRENVILLE, ILLINOIS

USGS GAGE NUMBER: 05540095

LOCATION: In Du Page County, on right bank 400 ft. upstream from
Warrenville Forest Preserve Dam in Warrenville, 0.6 mile
downstream from Spring Brook, and at mile 38.9.

NE 1/4, Sec. 35, Twp. 39N, Rng. 9E

Drainage Area = 90.4 sq. mi.

West Branch DuPage River
Warrenville, IL

STAGE

NARRATIVE	STAGE	HISTORICAL
	++++++ ---08---	
	---07---	
		6.41 7/18/96
	---06---	
		5.85 8/15/87
		5.54 10/11/54
	---05---	
	---04---	
	---03---	
	---02---	
	---01---	
	++++++	

ELEVATION ZERO: 688.59

WEST BRANCH DUPAGE RIVER NEAR NAPERVILLE - FAWELL DAM

USGS GAGE NUMBER: NONE*

LOCATION: In Du Page County, at the Fawell Dam, approximately 0.3 miles upstream of Ogden Ave. and at river mile 35.8.

SW 1/4, Sec. 11, Twp. 38N, Rng. 9E

Drainage Area = 107 sq. mi.

* Data regarding flood stages are based upon a gage operated by the IDNR/Office of Water Resources at this station.

STAGE

West Branch DuPage River
Fawell Dam -- Naperville, IL

NARRATIVE	STAGE	HISTORICAL
	+ + + + + + + + ----16----	
		-- 15.70 8/27/87
	----15----	
		-- 14.20 12/3/82
	----14----	
		-- 13.72 7/18/96
		-- 13.70 2/20/79
	----13----	
	----12----	-- 12.00 2/14/84
	----11----	-- 10.98 2/22/97
		-- 10.34 11/20/85
	----10----	
	----09----	
	+ + + + + + + +	

ELEVATION ZERO: 672.00

WEST BRANCH DUPAGE RIVER NEAR NAPERVILLE

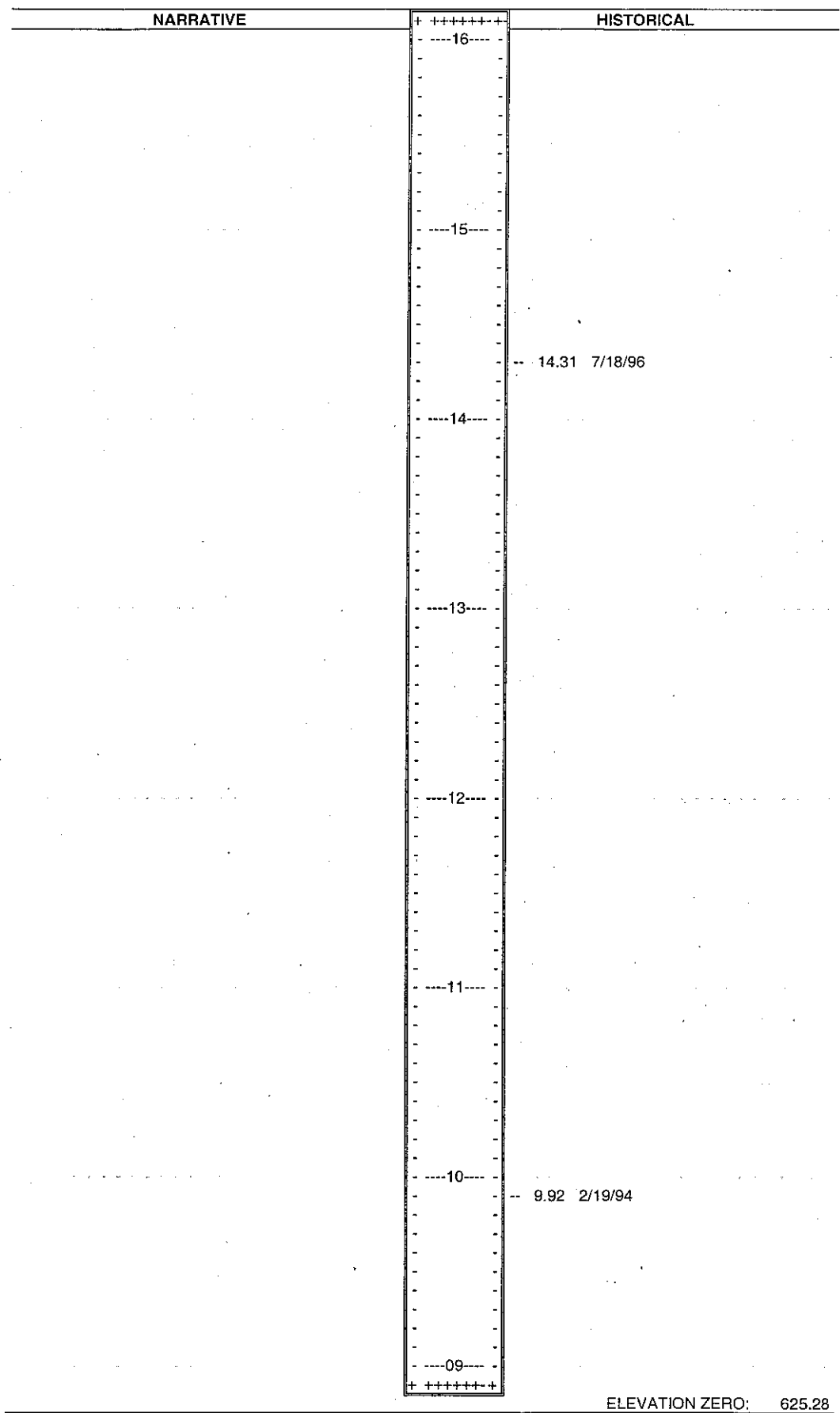
USGS GAGE NUMBER: 05540130

LOCATION: In Du Page County, on downstream side of bridge on
Washington Street, 3.5 miles southeast of Naperville at mile
29.3

NE 1/4, Sec. 6, Twp. 37N, Rng. 10E

Drainage Area = 123 sq. mi.

STAGE



ELEVATION ZERO: 625.28

